

List of Pages and Lines Exempt from Disclosure

Task Order 18 – Task Order and Modifications		
Modification 0001 Modification 0002 Modification 0003 Modification 0004 Modification 0005 Modification 0007 Modification 0008 Modification 0010 Modification 0011	Estimated Costs Fixed Fee Amounts	Delete the values associated with the estimated costs and fixed fee amounts. These deletions are essential to prevent a competitor from obtaining access to SAIC confidential financial information critical to our proposal effort. Release of this data could give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.

Task Order 18 - Cost Proposal		
Tasks 1-7 - 2 Pages Task 8 – 2 pages	All lines All lines	Delete the values associated with the price, total contract amounts, pricing rates, hours, estimated costs and fixed fee amounts. These deletions are essential to prevent a competitor from obtaining access to SAIC confidential financial information critical to our proposal effort. Release of this data could give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.

Task Order 18 - Task Management Plan		
<u>TMP 05-TOS-18 CLIN 2</u> Page 2 Page 3 Page 4 Page 5	Lines 11-32 Lines 9-38 Lines 17-38 Lines 5-7, 25-38	These pages describe SAIC's technical approach for accomplishing the TAO Support project SOW. This approach is a result of

Page 6 Page 7 Page 8 Page 9 Page 10 Page 11 Page 12 Page 13 Page 16 <u>TMP-05-TOS-18 0001-v3</u> Page 2 Page 3 Page 4 Page 5 Page 6 Page 7 Page 8 Page 9 Pages 10-11 Page 12 Pages 16-18 Page 19	Lines 36-44 Lines 1-5, 14-43 Lines 1-4, 10-26, 35-38 Lines 1-29, 35-43 Lines 9-17, 34-41 Lines 1-3, 32-44 Lines 1-3, 21-43 Lines 1-9, 22-36 All lines Lines 20-42 Lines 1-44 Lines 13-19, 22-38 Lines 33-42 All lines All lines Lines 1-32 Lines 11-42 All lines Lines 1-4 All lines Lines 1-23	SAIC's own creative knowledge and experience and is not publicly available. Release of this confidential information would cause substantial harm to SAIC's competitive posture on future procurements by allowing competitors to duplicate this technical approach to SAIC's detriment.
<u>TMP 05-TOS-18 CLIN 2</u> Page 17 <u>TMP-05-TOS-18 0001-v3</u> Page 19	Lines 4-5 Lines 29-32	Delete the names of SAIC personnel. Release of the names of SAIC personnel would allow competitors the ability to contact these personnel for the purpose of pirating them away from SAIC, thereby harming our competitive position.

Task Order 18 - Work Breakdown Structure/GANTT		
(1) WBS – Mod 8	All Pages (1)	Delete SAIC's estimated hours for the described taskings. This deletion is essential to prevent a competitor from obtaining access to SAIC confidential pricing information critical to our proposal effort. Release of this data could
(2) GANTT Tasks 1-7, dated 8/19/05	All Pages (4)	
(3) WBS Tasks 1-7, dated 8/19/05	All Pages (4)	
(4) WBS Task 8, dated 8/19/05	All Pages (1)	
(5) GANTT Task 8, dated 8/19/05	All Pages (1)	

		give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.

ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF PAGES 3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 22 Sep 2005		2. CONTRACT NO. (if any) OA133005CQ1035		6. SHIP TO: WG953023	
3. ORDER NO. 0018		4. REQUISITION/REFERENCE NO. NWWG9500-5-25746		a. NAME OF CONSIGNEE NATIONAL DATA BUOY CENTER	
5. ISSUING OFFICE Address correspondence to: WG953023 NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 TIMOTHY D. BLACK 228-688-2382				b. STREET ADDRESS RESOURCES BRANCH /W/OPS53 BUILDING 1100	
TO: 00004157		TIN: 953630868		c. CITY STENNIS SPACE CENTER	d. STATE MS
				e. ZIP CODE 39529-6000	
Name of Contractor SAIC DUNS: 148095086				f. SHIP VIA	
Company Name SCIENCE APPLICATIONS INTERNATIONAL CORPORATION				8. TYPE OF ORDER	
Street Address 10260 CAMPUS POINT DRIVE MAIL STOP G2				a. PURCHASE <input type="checkbox"/> b. DELIVERY <input checked="" type="checkbox"/>	
City SAN DIEGO e. State CA f. Zip 921211578				REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
ACCOUNTING AND APPROPRIATION See Attached Schedule BOC:				OBLIGATED AMT: \$729,261.50	
				10. REQUISITIONING OFFICE WG953023	

1. BUSINESS CLASSIFICATION (Check appropriate box(es))

☐ a. SMALL ☒ b. OTHER THAN SMALL ☐ c. DISADVANTAGED ☐ d. WOMEN-OWNED

2. F.O.B. POINT DESTINATION		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE 22 Sep 2006		16. DISCOUNT TERMS 00.00% 0 Days Net 30	
13. PLACE OF INSPECTION		b. ACCEPTANCE					

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
	SEE SCHEDULE					

18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:						
a. NAME CENTRAL ADMIN SUPPORT CENTER /CC						US\$ 729,261.50
b. STREET ADDRESS (or P.O. Box) 601 EAST 12TH STREET						
c. CITY KANSAS CITY		d. STATE MO	e. ZIP CODE 64106			

UNITED STATES OF AMERICA BY (Signature) *TD302R* 9/22/05 TIMOTHY D. BLACK 228-688-2382
(TITLE CONTRACTING/ORDERING OFFICER)

THORIZED FOR LOCAL REPRODUCTION

vious edition not usable

OPTIONAL FORM 347 (REV. 6/95)
Prescribed by GSA/FAR 48 CFR 53.213(e)

ORDER FOR SUPPLIES OR SERVICES - Continuation

PAGE 2 OF PAGES 3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 22 Sep 2005 CONTRACT NO. (if any) QA133005CQ1035 ORDER NO. 0018

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
0001	<p>TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT</p> <p>The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectrum of climate measurements on the TAO Buoys.</p> <p>CPFF</p> <p>Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.200600009 5000000.25130000 \$ 61,665.04 14.05.C2KC4BCPW734010704012.200600009 5000000.25130000 \$ 667,596.46</p>	1	JB	729,261.50	729,261.50	

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code
Page 1 of Pages 2

2. Amendment/Modification No. 0001	3. Effective Date Nov 30, 2005	4. Requisition/Purchase Req. No.	5. Project No. (if applicable)
6. Issued By NATIONAL DATA BUOY CENTER SOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 TIMOTHY D. BLACK 228-688-2382		7. Administered By (If other than Item 6) SEE BLOCK 6	
8. Name and Address of Contractor (No., Street, County, and Zip Code) SCIENCE APPLICATIONS INTERNATIONAL CORP 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578		9A. Amendment of Solicitation No. 9B. Date (See Item 11) 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0018 10B. Date (See Item 13) Sep 22, 2005	
Code		Facility Code	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)
See Schedule \$ US 0.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x)	A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
	B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set forth item 14, pursuant to the authority of FAR 43.103 (b)
X	C. This supplemental agreement is entered into pursuant to authority of: CLIN 0001 - TAO Operation and Engineering Transition Support
	D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

F. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

- The purpose of this modification is to activate a task under CLIN 0001.
- See Page 2 for the details of this task. The Task Management Plan is attached to this modification.
- The total value of this task order remains unchanged.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) 15B. Contractor/Officer (Signature of person authorized to sign)	15C. Date Signed 11/30/05	16A. Name and title of Contracting Officer (Type or Print) TIMOTHY D. BLACK Contracting Officer tim.black@noaa.gov 16B. United States of America (Signature of Contracting Officer)	16C. Date Signed Nov 30, 2005
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SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0001	<p>TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT</p> <p>The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectrum of climate measurements on the TAO Buoys.</p> <p>CPFF</p> <p>Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 US\$ 61,665.04 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 667,596.46</p> <p>INFORMATIONAL SUB-CLIN</p>	1	JB	729,261.50	729,261.50
0001AA	<p>TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE DESIGN, INTEGRATION, AND TESTING OF TAO BUOYS</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/01/2005-09/30/2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task is \$404,418.64. The fixed fee for this task is [REDACTED]</p>			NSP	NSP

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code

Page 1 of Pages 2

2. Amendment/Modification No.

0002

3. Effective Date

Dec 29, 2005

4. Requisition/Purchase Req. No.

NWWG9500-6-ADM03

5. Project No. (if applicable)

6. Issued By

NATIONAL DATA BUOY CENTER

SOURCES BRANCH /W/OPS53

BUILDING 1100

STENNIS SPACE CENTER, MS 39529-6000

TIMOTHY D. BLACK 228-688-2382

Code WG953023

7. Administered By (If other than Item 6)

SEE BLOCK 6

Code

8. Name and Address of Contractor (No., Street, County, and Zip Code)

SCIENCE APPLICATIONS INTERNATIONAL CORP

10260 CAMPUS POINT DRIVE

MAIL STOP G2

SAN DIEGO CA 921211578

Vendor ID: 00004157

DUNS: 148095086

CAGE: 0T5L1

(X)

9A. Amendment of Solicitation No.

9B. Date (See Item 11)

10A. Modification of Contract/Order No.

QA1330-05-CQ-1035 0018

10B. Date (See Item 13)

Sep 22, 2005

Code

Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If required)

See Schedule \$ US 0.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.

IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set forth item 14, pursuant to the authority of FAR 43.103 (b)

X C. This supplemental agreement is entered into pursuant to authority of:
CLIN 0001 - TAO Operation and Engineering Transition Support

D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

4. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to activate tasks under CLIN 0001.

See page 2 for the details of these tasks. The Task Management Plans are attached to this modification.

The total value of this task order remains unchanged.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)

Amanda Carey
Contracts Representative

15B. Contractor/Officer

(Signature of person authorized to sign)

15C. Date Signed

12/29/05

16A. Name and title of Contracting Officer (Type or Print)

TIMOTHY D. BLACK

228-688-2382

Contracting Office:

tim.black@noaa.gov

16B. United States of America

(Signature of Contracting Officer)

16C. Date Signed

Dec 29, 2005

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0001	<p>TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT</p> <p>The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectrum of climate measurements on the TAO Buoys.</p> <p>CPFF</p> <p>Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 US\$ 61,665.04 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 667,596.46</p>	1	JB	729,261.50	729,261.50
0001AB	<p>INFORMATIONAL SUB-CLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE FABRICATION OF TAO ATLAS HULLS</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/29/2005-03/31/2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task are \$94,289.89. The fixed fee for this task is [REDACTED]</p>			NSP	NSP
0001AC	<p>INFORMATIONAL SUB-CLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE INTEGRATION AND DEPLOYMENT OF A 1.8M BUOY WITH PIRATA ARRAY</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/29/2005-09/30/2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task are \$32,615.87. The fixed fee for this task is [REDACTED]</p>			NSP	NSP

2. Amendment/Modification No. 0003	3. Effective Date Feb 2, 2006	4. Requisition/Purchase Req. No. NWWG9500-6-ADM05	5. Project No. (if applicable)
6. Issued By NATIONAL DATA BUOY CENTER SOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 TIMOTHY D. BLACK 228-688-2382		7. Administered By (If other than Item 6) SEE BLOCK 6	
8. Name and Address of Contractor (No., Street, County, and Zip Code) SCIENCE APPLICATIONS INTERNATIONAL CORP 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578		<div style="display: flex; justify-content: space-between;"> <div> Vendor ID: 00004157 DUNS: 148095086 CAGE: 0T5L1 </div> <div style="border: 1px solid black; padding: 2px;"> (X) 9A. Amendment of Solicitation No. 9B. Date (See Item 11) 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0018 10B. Date (See Item 13) Sep 22, 2005 </div> </div>	
Code		Facility Code	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)
See Schedule \$ US 0.00

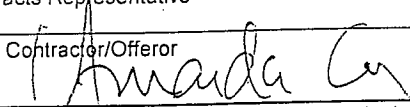
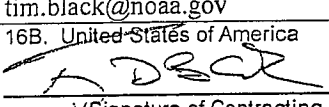
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A.	This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
B.	The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
X	C. This supplemental agreement is entered into pursuant to authority of: CLIN 0001 - TAO Operations and Engineering Transition Support
D.	Other (Specify type of modification and authority)
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return 3 copies to the issuing office.	

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to activate a task under CLIN 0001.
2. See page 2 for the details of this task. The Task Management Plan is attached to this modification.
3. The total value of this task order remains unchanged.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) Amanda Carey Contracts Representative	16A. Name and title of Contracting Officer (Type or Print) TIMOTHY D. BLACK 228-688-2382 Contracting Officer tim.black@noaa.gov
15B. Contractor/Officer  (Signature of person authorized to sign)	15C. Date Signed 02/02/06
16B. United States of America  (Signature of Contracting Officer)	16C. Date Signed 2/3/06

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0001	<p>TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT</p> <p>The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectrum of climate measurements on the TAO Buoys.</p> <p>CPFF</p> <p>Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 US\$ 61,665.04 14.05.C2KC4BCPW734010704012.2006000095000 0000.25130000 US\$ 667,596.46</p>	1	JB	729,261.50	729,261.50
0001AD	<p>TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE COMPLETION OF SR 6109</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with your proposal dated 01/04/2006. The period of performance for this task is 01/06/2006-03-01-2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task are \$12,482.00. The fixed fee for this task is [REDACTED]</p>	0	EA	NSP	NSP

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code
Page 1 of Pages 2

2. Amendment/Modification No. 0004	3. Effective Date Feb 7, 2006	4. Requisition/Purchase Req. No. NWWG9500-6-26870	5. Project No. (If applicable) 60000380
6. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 TIMOTHY D. BLACK 228-688-2382		7. Administered By (If other than Item 6) SEE BLOCK 6	
8. Name and Address of Contractor (No., Street, County, and Zip Code) SCIENCE APPLICATIONS INTERNATIONAL CORP 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578		9A. Amendment of Solicitation No. 9B. Date (See Item 11) 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0018 10B. Date (See Item 13) Sep 22, 2005	
Code		Facility Code	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If required)

See Schedule \$ US 306,017.07

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

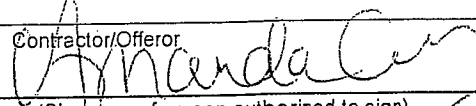
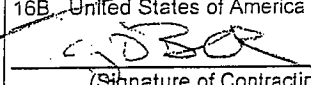
(X)	A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
	B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set forth item 14, pursuant to the authority of FAR 43.103 (b)
X	C. This supplemental agreement is entered into pursuant to authority of: CLIN 0001 - TAO Operations and Engineering Transition Support
	D. Other (Specify type of modification and authority)
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return 3 copies to the issuing office.	

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to activate a task for and add funds to CLIN 0001. The accounting and appropriation data is new and must be added to the task order.
2. See page 2 for details of this task. The Task Management Plan is attached to this modification.
3. Add the following funds to this task order for CLIN 0001:

1406D2KC4CWP0036060901002200600009500000025130000 \$306,017.07

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) Amanda Carey Contracts Representative	16A. Name and title of Contracting Officer (Type or Print) TIMOTHY D. BLACK Contracting Officer: tim.black@noaa.gov 228-688-2382
15B. Contractor/Officer  (Signature of person authorized to sign)	15C. Date Signed 02/13/06
16B. United States of America  (Signature of Contracting Officer)	
16C. Date Signed 2/13/06	

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0001	<p>TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT</p> <p>The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectrum of climate measurements on the TAO Buoys.</p> <p>CPFF</p> <p>Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 US\$ 61,665.04 14.06.D2KC4CWP0036060901002.200600009500 0000.25130000 US\$ 306,017.07 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 667,596.46</p>	1	JB	1,035,278.57	1,035,278.57
0001AE	<p>INFORMATIONAL SUB CLIN</p> <p>TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR TAO SOFTWARE REFRESH</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan. The performance period for this task is 02/01/2006 to 09/30/2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task are \$306,017.07. The fixed fee for this task is [REDACTED]</p>			NSP	NSP

DANL

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. Amendment/Modification No 0005	3. Effective Date May 25, 2006 Code WG953023	4. Requisition/Purchase Req No NNWG9500-6-ADM12	5. Project No. (if applicable) Code
6. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 KURT C. WEILBAECHER 228-688-2825		7. Administered By (if other than Item 6) SEE BLOCK 6 Code	
8. Name and Address of Contractor (No., Street, County, and Zip Code) SCIENCE APPLICATIONS INTERNATIONAL CORPO 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578		(X) 9A. Amendment of Solicitation No. 9B. Date (See Item 11) 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0018 10B. Date (See Item 13) Sep 22, 2005	

Code Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)
See Schedule \$ US 0.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set forth item 14, pursuant to the authority of FAR 43.103 (b)

X C. This supplemental agreement is entered into pursuant to authority of:
In scope change within the terms and conditions of this task order by mutual agreement.

D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not. ☒ is required to sign this document and return 3 copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to increase the contract value of CLIN 0001 from \$1,035,278.57 to \$1,269,672.44, with a net increase of \$234,393.87.

2. The funded value of this task order remains the unchanged.

TOTAL CLIN VALUE:

	Contract Value	Funded Value
Previous:	\$1,035,278.57	\$1,035,278.57
This Action:	\$234,393.87	\$0.00
Current:	\$1,269,672.44	\$1,035,278.57

3. Change the POP end date in Subelin AA-AE to 03/24/2006.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)
ROBIN R. AMBURN, Contracts Manager

16A. Name and Title of Contracting Officer (Type or Print)
Kurt C. Weilbaecher
Contracting Officer

Robin R. Amburn 6 June 2006 Kurt C. Weilbaecher 21 Jun 06
(Signature of person authorized to sign) (Signature of Contracting Officer)

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
1001AA	<p>INFORMATIONAL SUB CLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE DESIGN, INTEGRATION, AND TESTING OF TAO BUOYS</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/01/2005-03/24/2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task is \$148,656.02. The fixed fee for this task is [REDACTED] This task is fully funded.</p> <p>Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 US\$ 61,665.04 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 86,990.98</p>	0	EA	0.00	0.00
1001AB	<p>INFORMATIONAL SUB-CLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE FABRICATION OF TAO ATLAS HULLS</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/29/2005-03/24/2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task are \$74,872.73. The fixed fee for this task is [REDACTED] This task is fully funded.</p> <p>Accounting and Appropriation Data: 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 74,872.73</p>	0	EA	0.00	0.00
1001AC	<p>INFORMATIONAL SUB CLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and</p>	0	EA	0.00	0.00

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
1001AD	<p>materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/29/2005-03/24/2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task are \$61,524.92. The fixed fee for this task is [REDACTED]. This task is fully funded.</p> <p>Accounting and Appropriation Data: 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 61,524.92</p> <p>INFORMATIONAL SUB CLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE COMPLETION OF SR 6109</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with your proposal dated 01/04/2006. The period of performance for this task is 01/06/2006-03/24/2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task are \$5,970.00. The fixed fee for this task is [REDACTED]. This task is fully funded.</p> <p>Accounting and Appropriation Data: 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 5,970.00</p>	0	EA	0.00	0.00
1001AE	<p>INFORMATIONAL SUB CLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR TAO SOFTWARE REFRESH</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan. The performance period for this task is 02/01/2006 to 03/24/2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task are \$6,076.45. The fixed fee for this task is [REDACTED]. This task is fully funded.</p> <p>Accounting and Appropriation Data: 14.05.C2KC4BCPW734010704012.200600009500</p>	0	EA	0.00	0.00

SCHEDULE

Item No	Supplies/Services	Quantity	Unit	Unit Price	Amount
1001AF	0000.25130000 USS 6.076.45 INFORMATIONAL SUBCLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR TAO SOFTWARE REFRESH This line item shall serve as a continuation/consolidation of task order 3 and subclins 1-5 within task order 18. In addition, this line item shall provide all labor and materials to support design, fabrication, integration and deployment of TAO buoys and software modifications. The performance period for this task is 03/25/2006 to 03/31/2007. CPFF The total value to accomplish this task are \$972,572.32. The fixed fee for this task is [REDACTED] This task is incrementally funded. 0001AF SUB-CLIN TOTAL: Previous: \$0.00 \$0.00 This Action: \$972,572.32 \$738,178.45 Current: \$972,572.32 \$738,178.45 Accounting and Appropriation Data: 14.06.D2KC4CWP0036060901002.200600009500 0000.25130000 USS 306,017.07 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 USS 432,161.38	0	EA	0.00	0.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code

Page 1 of Pages 2

2. Amendment/Modification No.

0006

3. Effective Date

Jul 7, 2006

4. Requisition/Purchase Req. No.

NWVG9500-6-29153

5. Project No. (if applicable)

6. Issued By

NATIONAL DATA BUOY CENTER
SOURCES BRANCH /W/OPS53
BUILDING 1100
STENNIS SPACE CENTER, MS 39529-6000
AMANDA M. CAREY 228-688-1705

Code WG953023

7. Administered By (If other than Item 6)

SEE BLOCK 6

Code

8. Name and Address of Contractor (No., Street, County, and Zip Code)

SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157
10260 CAMPUS POINT DRIVE DUNS: 148095086
MAIL STOP G2
SAN DIEGO CA 921211578 CAGE: 0T5L1

(X)

9A. Amendment of Solicitation No.

9B. Date (See Item 11)

10A. Modification of Contract/Order No.

QA1330-05-CQ-1035 0018

10B. Date (See Item 13)

Sep 22, 2005

Code

Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)

See Schedule \$ US 234,393.87

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.

IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set forth item 14, pursuant to the authority of FAR 43.103 (b)

X C. This supplemental agreement is entered into pursuant to authority of:
Scope is withing the terms and conditions of this task order by mutual agreement.

D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The following funds have been added to this task order:

1406D8M6J11PPM37040406001200600009500000025130000 \$234,393.87

2. The funded value of this task order is changed as follows:

TOTAL CLIN VALUE:

	Contract Value	Funded Value
Previous	\$1,269,672.44	\$1,035,278.57
This Action	-0-	\$234,393.87
Current	\$1,269,672.44	\$1,269,672.44

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)

BONNIE CARRANUM
CONTRACTS REPRESENTATIVE

16A. Name and title of Contracting Officer (Type or Print)

MARION VEBER 757-441-6647
Contracting Officer
Marion.Veber@noaa.gov

15B. Contractor/Officer

15C. Date Signed

16B. United States of America

16C. Date Signed

(Signature of person authorized to sign)

(Signature of Contracting Officer)

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0001	<p>TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT</p> <p>The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectrum of climate measurements on the TAO Buoys.</p> <p>CPFF</p> <p>Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 US\$ 61,665.04 14.06.D8M6J11PPM37040406001.2006000095000 000.25130000 US\$ 234,393.87 14.06.D2KC4CWP0036060901002.200600009500 0000.25130000 US\$ 306,017.07 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 667,596.46</p>	1	JB	\$1,269,672.44	\$1,269,672.44

2. Amendment/Modification No. 0007	3. Effective Date Sep 1, 2006	4. Requisition/Purchase Req. No. NWWG9500-6-29099	5. Project No. (If applicable)
6. Issued By SCIENCE APPLICATIONS INTERNATIONAL CORPO RESOURCES BRANCH /W/OPSS3 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 AMANDA M. CAREY 228-688-1705		7. Administered By (If other than Item 6) SEE BLOCK 6	
8. Name and Address of Contractor (No., Street, County, and Zip Code) SCIENCE APPLICATIONS INTERNATIONAL CORPO 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578		<div style="display: flex; justify-content: space-between;"> <div> Vendor ID: 00004157 DUNS: 148095086 CAGE: 0T5L1 </div> <div style="border: 1px solid black; padding: 2px;"> (X) 9A. Amendment of Solicitation No. 9B. Date (See Item 11) 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0018 10B. Date (See Item 13) Sep 22, 2005 </div> </div>	
Code		Facility Code	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

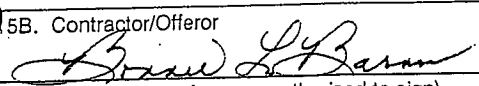
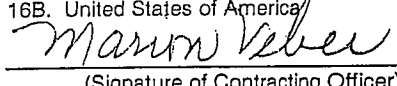
☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required) See Schedule \$ US 1,249,270.96	
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.	
A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.	
B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)	
C. This supplemental agreement is entered into pursuant to authority of:	
X D. Other (Specify type of modification and authority) Scope is within the terms and conditions of this task order by mutual agreement	
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return 3 copies to the issuing office.	

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

- The value for 0001AF has been increased from \$972,572.32 to \$1,519,421.24, a net increase of \$546,848.92. As a result of this action, page 3 has been provided as a reference of the change. In addition, a revised Task Management Plan has been provided to replace the original.
- Add CLIN 0002 to support the FY 2007 TAO Field Service in the amount of \$702,422.04. As a result of this action, page 4 has been provided as a reference of the change.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) Bonnie Barnum CONTRACTS REPRESENTATIVE	16A. Name and title of Contracting Officer (Type or Print) MARION VEBER 757-441-6647 Contracting Officer Marion.Veber@noaa.gov
5B. Contractor/Officer  (Signature of person authorized to sign)	15C. Date Signed 9/14/06 16B. United States of America  (Signature of Contracting Officer)
	16C. Date Signed 9/13/06

3. Obligate the following accounting and appropriations:

1406D2PS6U8PPM36060901001200600009500000025130000	\$ 453,067.00
1406D2PS6U8PPM36060901001200600009500000025130000	\$96,933.00
1406D8M6JTPP0037040406003200600009500000025130000	\$165,987.89
1406D2KC4CWP0036060901002200600009500000025130000	\$283,928.03
1406D8R1DA1P1537030104000200600009500000025130000	\$ 249,355.04

TASK ORDER VALUE:

	Contract Value	Funded Value
Original Value	\$1,269,672.44	\$1,269,672.44
Current Value	\$1,249,270.96	\$1,249,270.96
Final Value	\$2,518,943.40	\$2,518,943.40

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount												
0001	<p>TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT</p> <p>COST PLUS FIXED FEE</p> <p>The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectrum of climate measurements on the TAO Buoys.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>CLIN 0001 Value</p> <table><tr><td></td><td>Contract Value</td><td>Funded Value</td></tr><tr><td>Original Value</td><td>\$1,269,672.44</td><td>\$1,269,672.44</td></tr><tr><td>Current Value</td><td>\$546,848.92</td><td>\$546,848.92</td></tr><tr><td>Final Value</td><td>\$1,816,521.36</td><td>\$1,816,521.36</td></tr></table> <p>Accounting and Appropriation Data:</p> <p>14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 US\$ 61,665.04</p> <p>14.06.D2PS6U8PPM36060901001.2006000095000 000.25130000 US\$ 96,933.00</p> <p>14.06.D8M6JTTP0037040406003.2006000095000 000.25130000 US\$ 165,987.89</p> <p>14.06.D8M6J11PPM37040406001.2006000095000 000.25130000 US\$ 234,393.87</p> <p>14.06.D2KC4CWP0036060901002.2006000095000 0000.25130000 US\$ 589,945.10</p> <p>14.05.C2KC4BCPW734010704012.2006000095000 0000.25130000 US\$ 667,596.46</p> <p>INFORMATIONAL SUBCLIN</p>		Contract Value	Funded Value	Original Value	\$1,269,672.44	\$1,269,672.44	Current Value	\$546,848.92	\$546,848.92	Final Value	\$1,816,521.36	\$1,816,521.36	1	JB	1,816,521.36	1,816,521.36
	Contract Value	Funded Value															
Original Value	\$1,269,672.44	\$1,269,672.44															
Current Value	\$546,848.92	\$546,848.92															
Final Value	\$1,816,521.36	\$1,816,521.36															
0001AF	<p>TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR TAO SOFTWARE REFRESH</p> <p>This line item shall serve as a continuation/consolidation of task order 3 and subclins 1-5 within task order 18. In addition, this line item shall provide all labor and materials to support design, fabrication, integration and deployment of TAO buoys and software</p>	1	JB	0.00	0.00												

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount												
	<p>modifications. The performance period for this task is 03/25/2006 to 03/31/2007.</p> <p>CPFF</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>The total value to accomplish this task are \$1,816,521.36. The maximum fee is [REDACTED] and the minimum fee is [REDACTED]. This task is fully funded.</p> <p>0001AF SUB-CLIN TOTAL:</p> <table><tr><td></td><td>Contract Value</td><td>Funded Value</td></tr><tr><td>Previous:</td><td>\$972,572.32</td><td>\$972,572.32</td></tr><tr><td>This Action:</td><td>\$546,848.92</td><td>\$546,848.92</td></tr><tr><td>Current:</td><td>\$1,519,421.24</td><td>\$1,519,421.24</td></tr></table>		Contract Value	Funded Value	Previous:	\$972,572.32	\$972,572.32	This Action:	\$546,848.92	\$546,848.92	Current:	\$1,519,421.24	\$1,519,421.24				
	Contract Value	Funded Value															
Previous:	\$972,572.32	\$972,572.32															
This Action:	\$546,848.92	\$546,848.92															
Current:	\$1,519,421.24	\$1,519,421.24															
0002	<p>Task Order 18 - TAO Operations and Engineering Transition Support -FY07 Field Service Support</p> <p>COST-PLUS FIXED FEE</p> <p>In accordance with the attached TMP, the contractor shall provide all labor and materials to accomplish management and oversight of the Marine Observation Network.</p> <p>The performance period for this task is 09/01/2006 to 09/30/2007.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>The total value to accomplish this task are \$702,422.04. The maximum fee is [REDACTED] and the minimum fee is [REDACTED]. This task is fully funded.</p> <p>0002 CLIN TOTAL:</p> <table><tr><td></td><td>Contract Value</td><td>Funded Value</td></tr><tr><td>Previous:</td><td>\$0.00</td><td>\$0.00</td></tr><tr><td>This Action:</td><td>\$702,422.04</td><td>\$702,422.04</td></tr><tr><td>Current:</td><td>\$702,422.04</td><td>\$702,422.04</td></tr></table> <p>Accounting and Appropriation Data:</p> <p>14.06.D8R1DA1P1537030104000.2006000095000 000.25130000 \$ 249,355.04 14.06.D2PS6U8PPM36060901001.2006000095000 000.25130000 \$ 453,067.00</p>		Contract Value	Funded Value	Previous:	\$0.00	\$0.00	This Action:	\$702,422.04	\$702,422.04	Current:	\$702,422.04	\$702,422.04	1	JB	702,422.04	702,422.04
	Contract Value	Funded Value															
Previous:	\$0.00	\$0.00															
This Action:	\$702,422.04	\$702,422.04															
Current:	\$702,422.04	\$702,422.04															

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code

Page of Pages

1

3

2. Amendment/Modification No. 0008	3. Effective Date Mar 30, 2007	4. Requisition/Purchase Req. No. NWWG9502-7-08356	5. Project No. (if applicable)
6. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 AMANDA M. CAREY 228-688-1705		7. Administered By (If other than Item 6) SEE BLOCK 6	
8. Name and Address of Contractor (No., Street, County, and Zip Code) SCIENCE APPLICATIONS INTERNATIONAL CORPO 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578		(X)	9A. Amendment of Solicitation No.
Vendor ID: 00004157 DUNS: 148095086 CAGE: 0T5L1			9B. Date (See Item 11)
		X	10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0018
			10B. Date (See Item 13) Sep 22, 2005
Code	Facility Code		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)
\$ 304,081.40

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

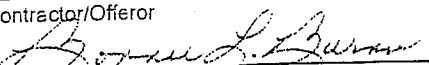
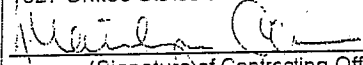
A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.	
B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)	
C. This supplemental agreement is entered into pursuant to authority of:	
X	D. Other (Specify type of modification and authority) FAR 52.243-2 CHANGES (COST REIMBURSEABLE)
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return 3 copies to the issuing office.	

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to change TMP 0001, version 4, dated 07/21/06, in order to accommodate additional work required. As a result of this change, TMP 0008, Version 2.0, dated 03/27/07, is hereby incorporated into this Task Order.

a. The above change constitutes additional funds in the amount of \$304,081.40 on CLIN 0001AF. Therefore, CLIN 0001AF is hereby changed from \$1,519,421.24, to \$1,823,502.64, reflecting an increase of \$304,081.40.
Accounting: 1407E8M6J11PD585040406001200600009500000025130000000000

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) BONNIE BARNUM CONTRACTS REPRESENTATIVE	16A. Name and title of Contracting Officer (Type or Print) MARILYN CLARK Contracting Officer marilyn.clark@noaa.gov
15B. Contractor/Officer  (Signature of person authorized to sign)	15C. Date Signed 3/30/07
16E. United States of America  (Signature of Contracting Officer)	
16C. Date Signed Mar 30, 2007	

2. The above changes constitute a new Task Order funded value of \$2,823,024.80.
 3. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.
-

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0001	<p>TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT</p> <p>COST PLUS FIXED FEE</p> <p>The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectrum of climate measurements on the TAO Buoys.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>This task is incrementally funded by \$2,120,602.76.</p>	1	JB	2,254,157.28	2,254,157.28
0001AF	<p>INFORMATIONAL SUBCLIN</p> <p>TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR TAO SOFTWARE REFRESH</p> <p>This line item shall serve as a continuation/consolidation of task order 3 and subclins 1-5 within task order 18. In addition, this line item shall provide all labor and materials to support design, fabrication, integration and deployment of TAO buoys and software modifications.</p> <p>The performance period for this task is 03/25/2006 to 09/30/2007.</p> <p>CPFF</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>The total value to accomplish this task are \$1,957,057.16. The maximum fee is [REDACTED] and the minimum fee is [REDACTED]. This task is incrementally funded by \$1,823,502.64.</p>			NSP	NSP

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code

Page of Pages

1 3

2. Amendment/Modification No.

0009

3. Effective Date

Mar 30, 2007

4. Requisition/Purchase Req. No.

NWWG9500-7-10721

5. Project No. (if applicable)

6. Issued By

NATIONAL DATA BUOY CENTER
RESOURCES BRANCH /W/OPS53

BUILDING 1100

STENNIS SPACE CENTER, MS 39529-6000

AMANDA M. CAREY 228-688-1705

Code WG953023

7. Administered By (If other than Item 6)

SEE BLOCK 6

Code

8. Name and Address of Contractor (No., Street, County, and Zip Code)

SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157
10260 CAMPUS POINT DRIVE DUNS: 148095086
MAIL STOP G2
SAN DIEGO CA 921211578 CAGE: 0T5L1

(X)

9A. Amendment of Solicitation No.

9B. Date (See Item 11)

10A. Modification of Contract/Order No.

QA1330-05-CQ-1035 0006

10B. Date (See Item 13)

Jul 1, 2005

Code

Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)

\$ US 0.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)

C. This supplemental agreement is entered into pursuant to authority of:

X D. Other (Specify type of modification and authority)

FAR 52.243-2 CHANGES (COST REIMBURSEABLE)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to incorporate a revised TMP, increase the value of CLIN 0003AD and decrease the value of CLIN 0003AF as follows:

- a. The Task Management Plan Mod 5, version 4.1, dated 03/12/07 reflects changes in the deliverable schedule, is hereby incorporated into this Task Order.
- b. CLIN 0003AD is hereby changed from \$630,601.17, to \$693,601.17, reflecting an increase of \$63,000.00 as a result of a cost overrun. This increase represents costs only, without fee.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)

BONNIE BARNUM
CONTRACT REPRESENTATIVE

16A. Name and title of Contracting Officer (Type or Print)

MARILYN CLARK 228 688-2382
Contracting Officer
marilyn.clark@noaa.gov

15B. Contractor/Officer

15C. Date Signed

16B. United States of America

16C. Date Signed

(Signature of person authorized to sign)

(Signature of Contracting Officer)

NSN 7540-01-152-8070

30-105

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA FAR (48 CFR) 53.243

CLIN 0003AF is hereby changed from \$367,810.38, to \$304,810.38, reflecting a decrease of \$63,000.00 as a result of the above cost overrun.

2. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0003AD	<p>TECHNOLOGY DEVELOPMENT AND REFRESH FOR NDBC OCEAN MEASUREMENT PROJECTS</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP) version 4.1. The period of performance of this task is 05/12/2006 - 03/31/2008.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task are \$693,601.17.</p>			NSP	NSP
0003AE	<p>TECHNOLOGY DEVELOPMENT AND REFRESH FOR NDBC OCEAN MEASUREMENT PROJECTS</p> <p>This line item is to cover a series of indefinite tasks associated with TAO Operational and Engineering Transition Support. This line item will be triggered by operational needs and exercised by the Contracting Officer with a bi-lateral agreement between the Government and the Contractor by way of a issuance of a Notice to Proceed (NTP). The period of performance of this clin is 10/01/2006 - 03/31/2008.</p> <p>TMP Version 4.0 - Task 5</p> <p>CPFF</p> <p>The funds allotted to accomplish this task are \$304,810.38.</p>			NSP	NSP

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code

Page 1 of Pages 3

2. Amendment/Modification No.

0010

3. Effective Date

May 10, 2007

4. Requisition/Purchase Req. No.

NWWG9502-7-11566

5. Project No. (if applicable)

6. Issued By

Code WG953023

7. Administered By (If other than Item 6)

Code

SEE BLOCK 6

SCIENCE APPLICATIONS INTERNATIONAL CORPO
RESOURCES BRANCH /W/OPS53
BUILDING 1100
STENNIS SPACE CENTER, MS 39529-6000
AMANDA M. CAREY 228-688-1705

8. Name and Address of Contractor (No., Street, County, and Zip Code)

SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157
10260 CAMPUS POINT DRIVE DUNS: 148095086
MAIL STOP G2
SAN DIEGO CA 921211578 CAGE: 0T5L1

(X)

9A. Amendment of Solicitation No.

9B. Date (See Item 11)

10A. Modification of Contract/Order No.

QA1330-05-CQ-1035 0018

10B. Date (See Item 13)

Sep 22, 2005

Code

Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)

\$ US 103,951.05

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set forth item 14, pursuant to the authority of FAR 43.103 (b)

C. This supplemental agreement is entered into pursuant to authority of:

D. Other (Specify type of modification and authority)

X FAR 52.243-2 CHANGES - COST REIMBURSEMENT

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to change TMP FY07 Field Service-mod 6 version 4, dated 09/13/06, in order to accommodate additional work required. As a result of this change, TMP FY07 Field Service-mod 9, Version 1, dated 04/27/07, is hereby incorporated into this Task Order.

2. The above change constitutes additional funds in the amount of \$103,832.00 on CLIN 0002. Therefore, CLIN 0002 is hereby changed from \$702,422.04, to \$806,373.09, reflecting an increase of \$103,951.05. Accounting: 1407E8M6J11PD585040406001200600009500000025130000000000 \$103,951.05

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)

BONNIE BARANOW
CONTRACTS REPRESENTATIVE

16A. Name and title of Contracting Officer (Type or Print)

MARILYN CLARK 228 688-2382
Contracting Officer
marilyn.clark@noaa.gov

15B. Contractor/Officer

15C. Date Signed

16B. United States of America

16C. Date Signed

(Signature of person authorized to sign)

(Signature of Contracting Officer)

May 23, 2007

The above changes constitute a new Task Order funded value of \$3,060,530.37.

No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0002	<p>Task Order 18 - TAO Operations and Engineering Transition Support -FY07 Field Service Support</p> <p>COST-PLUS FIXED FEE</p> <p>In accordance with the attached TMP, modification 9, version 1, the contractor shall provide all labor and materials to accomplish management and oversight of the Marine Observation Network.</p> <p>The performance period for this task is 09/01/2006 to 09/30/2007.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>The total value to accomplish this task are \$806,373.09. The maximum fee is [REDACTED] and the minimum fee is [REDACTED]. This task is fully funded.</p>	1	JB	806,373.09	806,373.09

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code

Page of Pages

1 3

2. Amendment/Modification No.

0011

3. Effective Date

Jul 5, 2007

4. Requisition/Purchase Req. No.

5. Project No. (if applicable)

6. Issued By

NATIONAL DATA BUOY CENTER

RESOURCES BRANCH /W/OPS53

BUILDING 1100

STENNIS SPACE CENTER, MS 39529-6000

AMANDA M. CAREY 228-688-1705

Code WG953023

7. Administered By (If other than Item 6)

SEE BLOCK 6

Code

8. Name and Address of Contractor (No., Street, County, and Zip Code)

SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157

10260 CAMPUS POINT DRIVE DUNS: 148095086

MAIL STOP G2

SAN DIEGO CA 921211578

CAGE: 0T5L1

(X)

9A. Amendment of Solicitation No.

9B. Date (See Item 11)

10A. Modification of Contract/Order No.

QA1330-05-CQ-1035 0018

10B. Date (See Item 13)

Sep 22, 2005

Code

Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)

\$ US 0.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.

IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

X B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)

C. This supplemental agreement is entered into pursuant to authority of:

D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

I. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this administrative modification is to add/remove the following accounting and appropriations from:

CLIN 0001

4.06.D8M6JTP.P00.37.040406003.2006000095000000.25130000.000000 \$(437,635.92)

4.06.D8R1DA1.P15.37.030104000.2006000095000000.25130000.000000 \$244,469.22

4.06.D2PS6U8.PPM.36.060901001.2006000095000000.25130000.000000 \$193,166.70

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)

16A. Name and title of Contracting Officer (Type or Print)

MARILYN CLARK

228 688-2382

Contracting Officer

marilyn.clark@noaa.gov

15B. Contractor/Officer

15C. Date Signed

16B. United States of America

16C. Date Signed

(Signature of person authorized to sign)

(Signature of Contracting Officer)

Jul 9, 2007

CLIN 0002

4.06.D8R1DA1.P15.37.030104000.2006000095000000.25130000.000000 \$(244,469.22)

4.06.D2PS6U8.PPM.36.060901001.2006000095000000.25130000.000000 \$(193,166.70)

4.07.E8M6J11.PD5.85.040406001.2006000095000000.25130000.000000 \$437,635.92

No other changes are made at this time. All other terms and conditions remain unchanged and in full effect. No value change has been effected.

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0001	<p>TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT</p> <p>COST PLUS FIXED FEE</p> <p>The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectrum of climate measurements on the TAO Buoys.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>The total value to accomplish this CLIN are \$2,254,157.28. This task is incrementally funded by \$2,254,157.28.</p>	1	JB	2,254,157.28	2,254,157.28
0002	<p>Task Order 18 - TAO Operations and Engineering Transition Support -FY07 Field Service Support</p> <p>COST-PLUS FIXED FEE</p> <p>In accordance with the attached TMP, modification 9, version 1, the contractor shall provide all labor and materials to accomplish management and oversight of the Marine Observation Network.</p> <p>The performance period for this task is 09/01/2006 to 09/30/2007.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>The total value to accomplish this task are \$806,373.09. The maximum fee is [REDACTED] and the minimum fee is [REDACTED]. This task is fully funded.</p>	1	JB	806,373.09	806,373.09

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code
Page 1 of Pages 5

2. Amendment/Modification No. 0012	3. Effective Date Sep 19, 2007	4. Requisition/Purchase Req. No. NWWG9503-7-25728	5. Project No. (if applicable)
i. Issued By SCIENCE APPLICATIONS INTERNATIONAL CORPO 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578		7. Administered By (if other than Item 6) SEE BLOCK 6	

3. Name and Address of Contractor (No., Street, County, and Zip Code)		(X)	9A. Amendment of Solicitation No.
SCIENCE APPLICATIONS INTERNATIONAL CORPO 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578			9B. Date (See Item 11)
Vendor ID: 00004157 DUNS: 148095086 CAGE: 0T5L1		X	10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0018
			10B. Date (See Item 13) Sep 22, 2005

Code Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)

\$ US -26,700.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set forth item 14, pursuant to the authority of FAR 43.103 (b)

C. This supplemental agreement is entered into pursuant to authority of:

D. Other (Specify type of modification and authority)
X FAR 52.243-2 CHANGES COST REIMBURSEMENT

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The first purpose of this modification is decrease the value of CLIN 0001 and CLIN 0002 as follows:

a. CLIN 0001 is hereby changed from \$2,254,157.28, to \$2,241,457.28, reflecting a decrease of \$12,700.
Accounting:
1406D8R1DA1P1537030104000200600009500000025130000000000 -\$12,700

b CLIN 0002 is hereby changed from \$806,373.09, to \$792,373.09, reflecting a decrease of \$14,000.
Accounting:
1406D8R1DA1P1537030104000200600009500000025130000000000 \$12,700
1407E8M6J11PD585040406001200600009500000025130000000000 -\$26,700

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) BONNIE BALNUM CONTRACTS REPRESENTATIVE	16A. Name and title of Contracting Officer (Type or Print) MARILYN CLARK Contracting Officer marilyn.clark@noaa.gov	228 688-2382
15B. Contractor/Officer 	15C. Date Signed 9/19/07	16B. United States of America
(Signature of person authorized to sign)		16C. Date Signed Sep 19, 2007

The second purpose of this modification is clean up CLIN 0001's INFORMATIONAL SUBCLINS as follows:

a. CLIN 0001AA is hereby changed from \$148,656.02, to \$149,068.12, reflecting an increase of \$412.10.

Accounting:

1405C2KC4BCPW734010704012200600009500000025130000000000 \$412.10

b. CLIN 0001AB is hereby changed from \$74,872.73, to \$74,798.18, reflecting a decrease of \$74.55.

Accounting:

1405C2KC4BCPW734010704012200600009500000025130000000000 \$74.55

c. CLIN 0001AC is hereby changed from \$61,524.92, to \$57,448.36, reflecting a decrease of \$4,076.56.

Accounting:

1405C2KC4BCPW734010704012200600009500000025130000000000 \$4,076.56

d. CLIN 0001AD is hereby changed from \$5,970.00, to \$5,942.03, reflecting a decrease of \$27.97.

Accounting:

1405C2KC4BCPW734010704012200600009500000025130000000000 \$27.97

e. CLIN 0001AE is hereby changed from \$6,076.45, to \$6,047.98, reflecting a decrease of \$28.47.

Accounting:

1405C2KC4BCPW734010704012200600009500000025130000000000 \$28.47

f. CLIN 0001AF is hereby changed from \$1,957,057.16, to \$1,948,152.61, reflecting a decrease of \$8,904.55.

Accounting:

1405C2KC4BCPW734010704012200600009500000025130000000000 \$3,795.45

1406D8R1DA1P1537030104000200600009500000025130000000000 -\$12,700

No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0001	<p>TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT</p> <p>COST PLUS FIXED FEE</p> <p>The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectrum of climate measurements on the TAO Buoys.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>The total value to accomplish this CLIN are \$2,241,457.28. This task is fully funded.</p>	1	JB	2,241,457.28	2,241,457.28
0001AA	<p>INFORMATIONAL SUB CLIN</p> <p>TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE DESIGN, INTEGRATION, AND TESTING OF TAO BUOYS</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/01/2005-03/24/2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task is \$149,068.12. This task is fully funded.</p>	0	EA	0.00	0.00
0001AB	<p>INFORMATIONAL SUB-CLIN</p> <p>TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE FABRICATION OF TAO ATLAS HULLS</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/29/2005-03/24/2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task are \$74,798.18. This task is fully funded.</p> <p>INFORMATIONAL SUB CLIN</p>	0	EA	0.00	0.00

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
001AC	<p>TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE INTEGRATION AND DEPLOYMENT OF A 1.8M BUOY WITH PIRATA ARRAY</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/29/2005-03/24/2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task are \$57,448.36. This task is fully funded.</p>	0	EA	0.00	0.00
001AD	<p>INFORMATIONAL SUB CLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE COMPLETION OF SR 6109</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with your proposal dated 01/04/2006. The period of performance for this task is 01/06/2006-03/24/-2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task are \$5,942.03. This task is fully funded.</p>	0	EA	0.00	0.00
001AE	<p>INFORMATIONAL SUB CLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR TAO SOFTWARE REFRESH</p> <p>This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan. The performance period for this task is 02/01/2006 to 03/24/2006.</p> <p>CPFF</p> <p>The funds allotted to accomplish this task are \$6,047.98. This task is fully funded.</p>	0	EA	0.00	0.00
001AF	<p>INFORMATIONAL SUBCLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR TAO SOFTWARE REFRESH</p> <p>This line item shall serve as a continuation/consolidation of task order 3 and subclins 1-5 within task order 18. In addition, this line item shall provide all labor and materials to support design, fabrication, integration and deployment of TAO buoys and software</p>	0	EA	0.00	0.00

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
1002	<p>modifications. The performance period for this task is 03/25/2006 to 09/30/2007.</p> <p>CPFF</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>The total value to accomplish this task are \$1,948,152.61. This task is fully funded.</p> <p>Task Order 18 - TAO Operations and Engineering Transition Support -FY07 Field Service Support</p> <p>COST-PLUS FIXED FEE</p> <p>In accordance with the attached TMP, modification 9, version 1, the contractor shall provide all labor and materials to accomplish management and oversight of the Marine Observation Network.</p> <p>The performance period for this task is 09/01/2006 to 09/30/2007.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>The total value to accomplish this task are \$782,673.09. This task is fully funded.</p>	1	JB	792,373.09	792,373.09

Title of Task Order:	Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support
NDBC Branch:	Program Planning & Integration
Performance Period:	1 Sept 2005 – 30 Sept 2006
Task Order Type: (FFP or CPFF)	CPFF
Purpose: (How this TO relate's to NDBC's Mission or What Problem needs to be solved)	The purpose of this task order is to support operations and engineering transition of the TAO project from PMEL to NDBC.
Background:	<p>The Tropical Atmosphere Ocean (TAO) array was established by the Tropical Ocean-Global Atmosphere (TOGA) Program in the mid-1980's to enhance capabilities for monitoring and prediction of El Niño. With the absence of anticipated satellite-based surface wind measurements, a major reason for establishing the TAO array was to get better wind measurements to help improve NWP models. By 1994, the array spanned the Pacific between 8°S and 8°N with a nominal zonal spacing of 15 degrees between 137°E and 95°W.</p> <p>The NOAA Ship KA'IMIMOANA was commissioned in 1996 to service the array east of 165 E. In 1997, the U.S. Congress authorized long term, sustained support of the TAO array as part of an operational El Nino/Southern Oscillation (ENSO) observing system. By January 1, 2000, moorings west of 165 E were maintained with TRITON (Triangle Trans Ocean Buoy Network).</p> <p>The standard Autonomous Temperature Line Acquisition System (ATLAS) moorings are equipped with a surface wind sensor, air temperature and humidity sensors, SST sensor, and 10 sub-surface thermistors. Two pressure sensors are positioned nominally at 300 m and 500 m depths. Nominal thermistor depths vary: 20, 40, 60, 80, 100, 120, 140, 180, 300 and 500 m in the eastern half basin; 25, 50, 75, 100, 125, 150, 200, 250, 300, and 500 m in the western half basin, according to the changes in stratification across the equatorial Pacific. All moorings west of 165°E have been replaced by TRITON buoys and the 67-mooring array has been renamed the TAO/TRITON array. The data from nearby ADCP moorings are only available after the subsurface instruments are recovered. A full list of sensor accuracies and ATLAS sampling characteristics is</p>

	<p>available at http://www.pmel.noaa.gov/tao/proj_over/.</p> <p>As much of the technology is approaching 10 years of age concern of outdated equipment or components or lack of compatibility drives the concern for identifying and replacing outdated components thru each phase of the transition period.</p> <p>Likewise concerns on software and base code support are large and updating software routine shall be identified and corrected throughout the transition phase. Concerns of proper configuration management of software are expected.</p> <p>The TAO Project has assisted 45 researchers over the past 12 years in gaining access to TAO buoys during servicing cruises to further their scientific endeavors. NDBC will continue this tradition.</p> <p>This task order specifically covers the support of transition of the TAO operations and engineering from PMEL to NDBC.</p> <p>A major concern of both NDBC and PMEL is the impending obsolescence of the technology used in the current version of the TAO array. NTSC will draft a plan to "refresh" those components to ensure ongoing integrity of the TAO array in the near term. The technology refresh is defined here as applying engineering application to minimize the impact of obsolete components, thus continues to provide a low-cost and robust system.</p>
Scope of Effort:	<p>Because the TAO transition plan emphasizes the transition of the refreshed system, the scope of this task order is focused on the "refreshed" TAO buoy system based on the TAO refreshed plan.</p> <p>It is requested that three refreshed TAO buoys be designed, integrated, documented, and tested. Subsequently, the TAO's Concept of Operations, operational procedures, and lab calibration (both pre- and post-calibrations, both met and ocean sensors) should also be set up for the refreshed systems.</p> <p>This task order will also identify and provide personnel to participate in selected TAO service cruises per an NDBC-provided schedule. Participants are primarily responsible for observing, recording, and documenting the deployment activities to gain an understanding of future NDBC deployment responsibilities. Participants may also be asked to provide assistance to PMEL personnel on these cruises during this field service 'learning period'.</p>

Tasks:

1. Design and Integrate three "refreshed" TAO buoys based on NDBC's TAO refresh plan.
 - These TAO buoy systems will use the existing TOA buoy hull/structure, new AMPS data logger, COTS CTD sensors (with inductive modem), other refreshed sensors identified in the TAO refresh plan (i.e., compass, GPS, and Iridium), and the non-obsolescent sensors/equipments (e.g., wind speed/direction, air temp, relative humidity, barometer).
 - The sensors and major equipments listed above will be GFE. However, power system and miscellaneous components will be fabricated and prepared under this task order.
 - Conduct lab testing on the buoy systems.
 - Prepare Level-B document and drawing packages for these systems.
2. Testing of the refreshed TAO buoys:
 - Deploy the first refreshed TAO buoy in the Gulf of Mexico for the field test.
 - Monitor the performance of the first refreshed TAO buoy and document the test results.
 - The second and third refreshed TAO buoys will be shipped for deployment next to existing TAO buoys.
 - Monitor the performance of the second and third refreshed TAO buoys and document the test results.
3. Identify participants and schedules for the TAO service cruises. Attend TAO service cruises (based on TAO's service schedule) to learn and assist operations of the TAO buoys. Develop procedures for TAO field operations (based on experience gained during service cruises and related documents).
4. Develop a high level TAO's Concept of Operations (CONOPS).
5. Prepare the calibration lab automation for both met and ocean sensor labs so both pre- and post-calibrations will be automatic and electronic files can be generated and imported to a data base system for further data processing.
 - For the met lab calibration, the automation calibrations for the standard met sensors (i.e., wind speed/direction, air temp, air pressure, and relative humidity) were completed. It is requested that the calibration process be extended to include the sensor correction process (for pre- and post-calibrations).
 - Develop and design the automation calibration conductivity and subsurface temperature sensors. Similar to the met lab calibration,

	<p>the ocean lab calibration will include both automation sensor calibration and sensor correction.</p> <p>6. Support TAO engineering and operations team in Seattle.</p> <p>7. Get familiar with the TAO inventory and logistics systems/processes (e.g., managing and shipping equipment/systems to and from different locations in different countries) and develop/modify logistics execution plan. Details will be provided later as more transition action items are identified and executed.</p> <p>8. Investigate and improve engineering and operational support required for achieving the scope of climate quality measurements. Details will be provided later as more engineering design and tests are conducted and new technology is available.</p>
Assumptions/ Constraints (Security, Safety, Accessibility, etc...)	<ul style="list-style-type: none"> - NDBC will arrange attendance of NTSC employees to TAO service cruises. - The new data logger AMPS will be developed, tested, and delivered by PSI. - NDBC will arrange the visits to PMEL for both NDBC and NTSC personnel, if needed. - Ocean cal lab will be set up and ready to operate under a separate task order. - Locations of the field tests for the refreshed TAO buoys will be jointly determined by both NDBC and NTSC when the buoys are being integrated and the ship support schedules are known.
Deliverables:	<ol style="list-style-type: none"> 1. Three integrated "refreshed" TAO buoy systems. 2. Level-B documentation and drawing packages of the refreshed TAO buoy systems. 3. Test plan and deployment of a refreshed TAO buoy system in the Gulf of Mexico (GOM). 4. Test report of the first field test in GOM. 5. Ship the second and third refreshed TAO buoys.

	<p>6. Performance report of the second and third refreshed TAO buoys in the field.</p> <p>7. Attendance and trip reports of TAO service cruises.</p> <p>8. Procedures for TAO field operations.</p> <p>9. TAO's Concept of Operations (CONOPS) report.</p> <p>10. Expanded capability of met sensor lab automation (i.e., include correction processes for met sensors). Test report and procedures for expanded met lab automation.</p> <p>11. Design review, test reports, test procedures, and operator's manual for lab automation for the conductivity and subsurface temperature sensors. The lab automation for these ocean sensors should include sensor calibration and correction processes).</p> <p>12. Bi-weekly performance reports which summarizing both the actual and budgeted cost, schedule, and performance information from an earned value management (EVM) system and present the results of the earned value analysis.</p> <p>13. As agreed, provide recommendations, implementation, and support for TAO inventory and logistics systems/processes.</p> <p>14. As agreed, provide recommendations, schedules, implementation, and support efforts for potential improvements/upgrades of engineering and operational support required for achieving the requirements of collecting climate quality measurements.</p>
GFE/GFI:	<p>GFE/GFI is available to support this effort. GFE/GFI lists can be found by referring to Section J of the contract. The Government requests your technical proposal state whether you intend to utilize the available GFE/GFI. Your cost proposal shall reference whether you will use GFE/GFI and the cost impact of that decision.</p> <p>Government will provide all the necessary equipment during the TAO engineering and operations transition</p> <p>All of the TAO equipments and sensors for integration of the three "refreshed" TAO buoy systems (including buoy hulls/structures, the AMPS data loggers, CTD sensors, etc.) will be GFE.</p>

Program Objectives/ Possible Performance Measures:	The Government requires this task order have performance-based measures that align with the Statement of Objectives and Program Goals contained in this solicitation. The contractor is required to provide a list of proposed measures for this task order with goals for level of service and the outcomes for achieving/not achieving those goals.
Inspection/Acceptance:	Final inspection and acceptance of all work performed, reports generated, and other deliverables will be conducted by the COTR or other designee.
Travel:	Travel is required to support this task order. The contractor shall provide cost estimates for all travel in the cost proposal and the travel expenses must comply with the Federal Travel Regulations.
Required information and/or submittals to be included in the required Task Management Plan (TMP):	<ol style="list-style-type: none"> 1. An Approach and Management Plan for tasks identified in this task order. 2. Implementation Plan (IP) <ol style="list-style-type: none"> a. Work Breakdown Structure (WBS) b. Performance Specifications and metrics c. Cost, Schedule and Performance Metrics 3. Task Order Cost Proposal 4. Provide cost and resource breakdown based on tasks.

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

PERIOD OF PERFORMANCE: July 1, 2006 - September 30, 2007

TO TYPE: CPFF

CHANGE NOTICE: This TMP 18 Modification 9 Version 1 supersedes TMP 18 Mod 6 Version 4 in its entirety.

1.0 SCOPE, STATEMENT of WORK AND TECHNICAL/MANAGEMENT APPROACH:

1.1 *General Scope:*

In order to have a smooth transition of TAO field service from PMEL to NDBC and to comply with the schedule in the TAO transition plan, SAIC, with NDBC and PMEL assistance and coordination, will commence transition of field responsibilities starting 1 October 2006 (FY07) and will complete this transition and assume the field responsibilities for the TAO array starting 1 January 2007 (CY07).

Preparations for the FY07 transition will begin 3 months prior to 1 October 2006 as we begin the process of coordination of pre-cruise planning participation with PMEL. The cost estimate associated with the pre-cruise planning is broken down separately from the cost estimate for the whole of FY07 field service activities.

PMEL will provide one technician on each FY07 cruise to assist NTSC for the entirety of FY07.

Minor mechanical fabrication is required. We will assemble the moorings, GFE components and make minor modifications, repairs, or brackets as required.

Deliverable 5 will be coordinated between PMEL and NTSC with regard to the existing equipment and procedures. NTSC will coordinate shipments to and from NDBC, PMEL and the deployment vessel.

Studies currently in progress may lead to the adoption of alternative cruise plans featuring the use alternatives to the TAO legacy mission ports for upload and offloading the vessel.

Standard TAO Buoy recovery and deployment takes approximately 12 hours to complete, therefore overtime hours have been factored into each mission cost estimate for non-exempt employees and EWW for exempt personnel.

This document details the FY07 TAO field service responsibility plan, including the pre-cruise preparations that will occur during 4th quarter FY06.

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

We understand that NDBC may provide further direction and scope to achieve this mission.

1.2 *Statement of Work:*

1.2.1. Co-ordinate, with NDBC and the NOAA Corps Officer, TAO at-sea requirements

[REDACTED]

1.2.2. Appoint TAO Mission Lead for cruise co-ordination

[REDACTED]

- Establish communications with NDBC Lead and NOAA Ops Lead
- Report day-to-day progress for deployment preparations to SAIC Project Management
- Ensure Mission Team have all relevant documentation and certificates necessary for foreign travel and operation on NOAA vessels
- Ensure NOAA Ops have all relevant data and documentation as required
- Ensure Mission Team are fully aware of responsibilities and timelines
- As Mission Lead, inform NTSC Ops of travel requirements (Joyce Templet) for ALL team members

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

- Establish communications with NTSC logistics regarding shipping requirements and collation of TAO related materials pertinent to the assigned mission
- Provide early heads-up on any potential mission payload problems which may impact intended shipping schedule

1.2.3. Appoint deployment Team

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

SAIC TASK MANAGEMENT PLAN

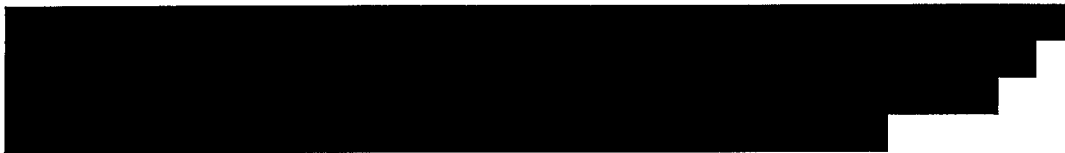
TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

Trip	Dates	Days	Team Members
1	10/05/06 – 11/03/06	34	2
2	10/08/06 – 12/04/06	59	2
3	11/05/06 – 12/02/06	28	2
4	03/27/07 – 04/29/07	38	2
5	05/04/07 – 06/08/07	36	3
6	07/11/07 – 08/07/07	31	3
7	08/11/07 – 09/06/07	27	2
8	09/19/07 – 10/28/07	40	3

Table 1



1.2.4. 1st Qtr FY 07 Preparation (Last Qtr FY 06): TAO Mission Managers to liaise/migrate PMEL planning knowledge to NDBC



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

1.2.5. FY 07: Team TAO to conduct the planning and execution effort for all remaining cruises

[REDACTED]

- supplies and equipment testing and refurbishment;
- preparation of team personnel and liaison with nominated local NDBC and NOAA points of contact at the discretion of the NTSC TAO Management Team;
- shipment preparation and timely notification and request for logistic and shipping support.
- timely shipment preparation and delivery of all mission supplies and equipment to and from designated upload ports;
- liaison with the nominated Mission Lead in the execution of the overall Mission Preparedness Plan;
- overseas travel availability.

1.2.6. Co-ordinate TAO logistic requirements with NOAA – Deemed Exports/Export Administration Regulations (EAR)

[REDACTED]

[REDACTED]

[REDACTED]

SAIC TASK MANAGEMENT PLAN**TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service****1.2.7. 2nd – 4th Qtrs FY07 Integrate and test all TAO mechanical components for all missions – liaise with PMEL**

NTSC will be responsible for deployment of all buoy components.

NTSC will be responsible for shipping of all mechanical and consumable components not supplied by PMEL.

NTSC will use consumable components procured under separate tasking as outlined in Table 2. NDBC will procure non-consumable items based on the information provided by PMEL on TAO contracts and specs (including towers, bridles, buoys, lead weights, acoustic releases, and any other mechanical components).

Consumable	Quantity
6000lb Anchors	8
4500lb Anchors	50
Synthetic Spools	116
5/8" Shackles	1920
1/2" Chain	464
7/8" Shackle	58
1" Shackle	116
1" Chain	58
1/2" Chain	116
20% Replacement Items	
3/4" Nylon Rope	100
Synthetic Spools	200
Fairings	1440
5-ton Swivels	12
3-ton Swivels	12

Table 2

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

[REDACTED]

1.2.8. Capture TAO Deck Operations knowledge and migrate from PMEL to NDBC

NTSC will continue to gain experience across the whole Team TAO structure during CY06 by attending each TAO Mission with at least two personnel.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

[REDACTED]

1.2.9. Train Technicians on PMEL TAO components, configuration setup and repair.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

1.2.10. Learn process for ship's installed ADCP data distribution

Team TAO Management will document the process for ADCP data distribution from PMEL and NOAA Ops for adoption and responsibility for implementation by 2nd Qtr FY07.

[REDACTED]

1.2.11. Train Technicians to perform CTD casts and data dissemination

NTSC Team TAO will import legacy knowledge from PMEL concerning the CONOP for CTD observations.

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

1.2.12. IT Department to maintain TAO-related Website for NOAA Vessel KA'IMIMOANA

[REDACTED]

[REDACTED]

- Transfer PMEL TAO Website maintenance functions to NDBC

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

- Maintain most recent data on site
- Develop short and long term archive storage of published Website material

1.2.13. 1st Qtr 07: NTSC TAO Project Management Team to liaise with PMEL to familiarize with and migrate logistic and shipping functions to NDBC

[REDACTED]

[REDACTED]

- Conduct fact-finding visit to PMEL
- Develop TAO Inventory & Logistics Management Plan
- Define Logistics Requirements
- Develop Logistics Procedures
- Develop TAO Shipping Procedures
- Define Inventory Management Requirements
- Develop Inventory Management Procedures
- Draft TAO I&LM Plan
- Finalize TAO I&LM Plan
- Deliver TAO I&LM Plan

1.2.14. Assume responsibility for all dockside loading and unloading functions on the *Ka'imimoana* and *Ron Brown* TAO cruises in CY07

[REDACTED]

[REDACTED]

SAIC TASK MANAGEMENT PLAN**TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service**

[REDACTED]

- Confirm w/NOAA Ops appropriate wharfage at delivery site - clear, unobtrusive, secure, away from main dockyard activity, cost-effective, nearby covered storage
- Understand limitations of vessel and storage requirements for full payload; discuss with Ship's Command (CO/XO)
- Arrive & Inventory equipment at sailing location
- Establish communications with local Shipping Agent/Customs Officers
- Load equipment onto ship
- Build systems in stands for onboard burn-in / checkout
- Call Data Analysts about each system pre-deploy burn-in
- Conduct Pre-Sail Inventory (Confirm Post Mission Inv + Add New Inventory)
- Execute positive handover of mission payload (onload/offload) between embarking Lead Technician/disembarking Lead Technician
- Disembarking Lead Technician to lead and supervise loading of returning shipment to NDBC – confirm manifest when loaded and bonding complete

1.2.15. CY07: Assume responsibility for all TAO mission shipments and logistic support (this includes shipping of all TAO material from PMEL and payload/sensors back to PMEL)

Note: NDBC may wish to re-address this task after discussion with PMEL

[REDACTED]

[REDACTED]

[REDACTED]

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

[REDACTED]

NTSC is responsible, in accordance with the FSRP, to execute and fund all TAO mission shipping.

- Begin preparing shipment.
- Submit mission shipping / transportation requirements to Logistics Dept.
- Confirm w/NOAA Ops appropriate wharfage at delivery site - clear, unobtrusive, secure, away from main dockyard activity, cost-effective, nearby covered storage
- Confirm Transportation Schedule
- Ensure that Fork Lift and Port Service Resources are available to unload trucks / containers
- Check on shipment using tracking number(s) to ensure it is in transit. - Get Delivery Date / Location
- Confirm with shipping agent shipment receipt

[REDACTED]

1.3 Management Approach:

[REDACTED]

[REDACTED]

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

1.3.1

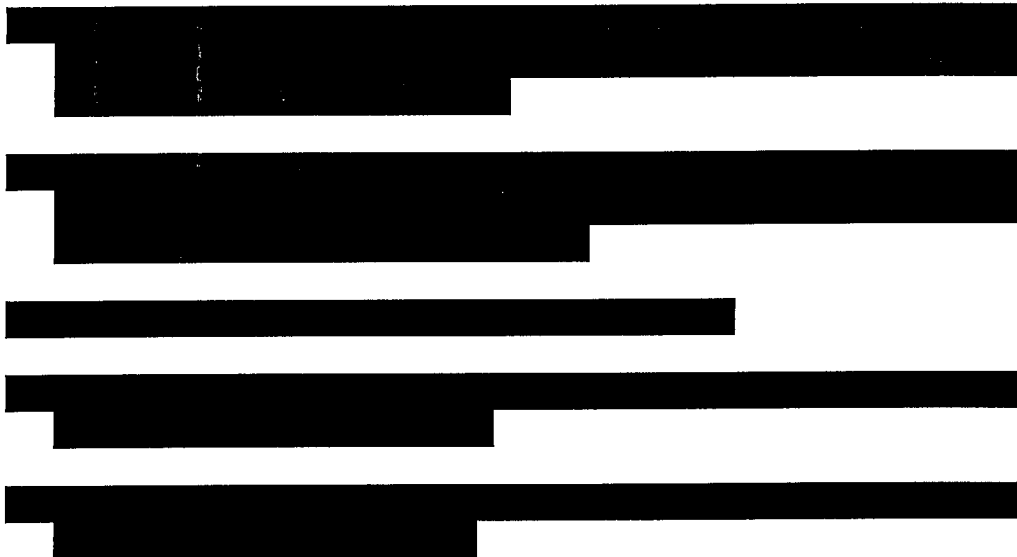


1.4 *WBS layout (See attached file)*

The WBS for this task order uses the template developed by SAIC for this contract year. The tasks are organized by deliverable. The tasks required to complete the deliverables are contained under the deliverable summary task.

2.0 ASSUMPTIONS and/or DEVIATIONS:

2.1 *Assumptions:*



2.2 *Deviations:*

None

SAIC TASK MANAGEMENT PLAN**TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service****3.0 SCHEDULE:**

The gantt chart for this task order has not been scheduled. NTSC will work with NDBC after the acceptance of this task order to schedule each task. The deliverable dates below are what NTSC understands to be NDBC target dates.

3.1 Program Performance Schedule:

A work breakdown structure is shown in the attachments.

3.2 Delivery Schedule:

Deliverables/Submittals	Due Date
1. Cruise reports	2 weeks after return to SSC
2. Procedures for TAO Field Operations	06.30.07
3. Bi-weekly performance reports	Reports starting 2 weeks after SAIC acceptance of task order
4. Recommendations, schedules, support and implementation for improvements and upgrades	To be coordinated with NDBC
5. Coordination and management of logistics and transportation requirements for TAO materials to/from both NDBC and PMEL.	In accordance with NOAA cruise schedule
6. Transfer PMEL TAO Website maintenance functions to NDBC	01.30.07
7. Draft Cruise Instructions	2 Months Prior to Cruise
8. Final Cruise Instructions	1 Month Prior to Cruise
9. Prepare to service 59 TAO moorings (55 TAO ATLAS buoys and 4 TAO ADCPs) and associated spares for all TAO cruises to meet ship deployment schedules.	In accordance with NOAA Fleet schedule support for TAO operations.

SAIC TASK MANAGEMENT PLAN**TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service****4.0 DELIVERABLES:**

Deliverables/Submittals	Acceptance Criteria
1. Cruise reports	Upon submission
2. Procedures for TAO Field Operations	Upon submission
3. Bi-weekly performance reports	Upon submission
4. Recommendations, schedules, support and implementation for improvements and upgrades	Upon submission
5. Coordination and management of logistics and transportation requirements for TAO materials to/from both NDBC and PMEL.	Upon agreed schedule
6. Transfer PMEL TAO Website maintenance functions to NDBC	Upon submission
7. Draft Cruise Instructions	Upon submission
8. Final Cruise Instructions	Upon submission

PERFORMANCE SPECIFICATIONS AND METRICS:

Metric	Weight	Performance measures (for associated fee levels)					
		Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]					

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

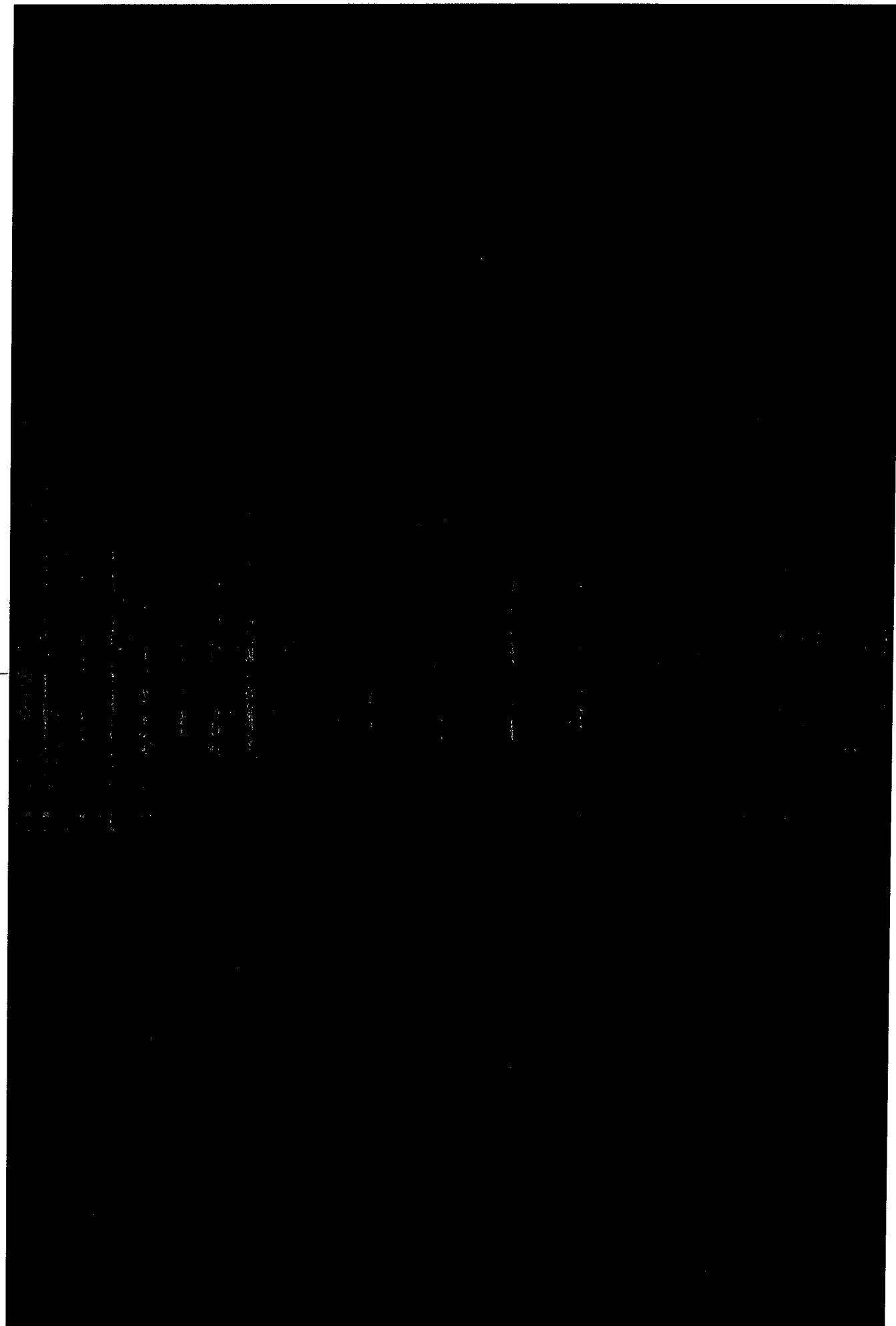
6.0 KEY PERSONNEL:

The following personnel are considered key for this TO:



7.0 COST PROPOSAL: See Attached

8.0 PAYMENT TERMS: Invoices shall be submitted upon completion of each SAIC accounting period. Payment shall be made within 30 days.



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

PERIOD OF PERFORMANCE: March 25, 2006 through March 31, 2007

TO TYPE: CPFF

1.0 SCOPE, STATEMENT of WORK AND TECHNICAL/MANAGEMENT APPROACH:

1.1 *General Scope:*

This task order provides for modifications to existing software systems to enable data receipt, processing and display for the next generation of buoys implemented within the TAO array. It modifies the shore-side processing system to receive and process Iridium short burst data streams received from the next generation AMPS payload that is being integrated into NDBC-deployed TAO buoys. It also implements an inventory and calibration subsystem for the management of buoy parts and the calibration coefficients specific to the various sensors. And, it modifies displays to accommodate new sensor types.

This effort is required to complete the integration, verify operational capabilities through parallel testing and to enhance the TAO Data System. Features to be worked on include establishing strong configuration management and change control processes, enhanced TAO data processing, display and delivery mechanisms, and consolidated QA/QC procedures for both real-time and delayed mode processing.

As part of the TAO program transition and technology refresh process, SAIC will build and deploy TAO buoys. The engineering and integration for this effort was previously completed in separate tasking; this effort provided the buoys, masts, and bridles – and hardware – necessary to build three separate buoys, and associated jigs to replicate future fabrication work.

We understand NDBC plans to build and test a refreshed TAO buoy with enhanced reporting capabilities using Iridium for data telemetry. The buoy will consist of GFE equipment except the power system which SAIC will develop. The electronics will need to be integrated and tested end-to-end prior to test in the GOM and side-by-side tests in the TAO array. Shore side data systems will be modified to process the data in a prototype fashion for evaluating buoy sensors and systems. This testing will not impact side-by-side testing of the IT portion that is presently underway.

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

To support TAO requirements and enhance NDBC's data accuracy, capabilities will be added to the ocean calibration lab and certain NDBC MET sensor testing to add pre-deployment and post-deployment calibration capabilities.

A high level concept of operations (CONOPS) for the TAO program will be developed. We plan to coordinate with NDBC team members and management to write this document.

To understand and develop a CONOPS, the PMEL inventory and logistics systems and processes will need to be studied and understood. A team will need to travel to Seattle on more than one occasion to learn the processes.

We understand that NDBC may provide further direction and scope to achieve this mission.

1.2 *Statement of Work:*

1.2.1 TAO Transition Support and Parallel Testing

[REDACTED]

1.2.2 TAO Specific Configuration Management Development

[REDACTED]

1.2.3 TAO Data Display and Delivery Enhancement

[REDACTED]

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

[REDACTED]

[REDACTED]

1.2.4 Real-time and Delayed Mode QA/QC Development

[REDACTED]

[REDACTED]

1.2.5 Documentation

All required documentation will be updated to reflect the final as-built system. Included will be a Detailed Architecture Document that will enable us to support the system long term.

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

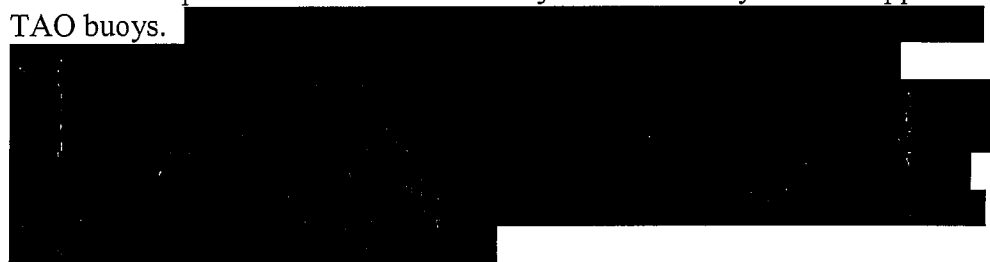
1.2.6 Support the following TAO-refresh activities:

- TAO System Gulf of Mexico (GOM) deployment – 28 April 06
- TAO System Pacific Ocean deployment – 30 May 06
- TAO System PDR around 22 February 06
- TAO System CDR around 30 March 06
- TAO System CONOPS around 30 April 06

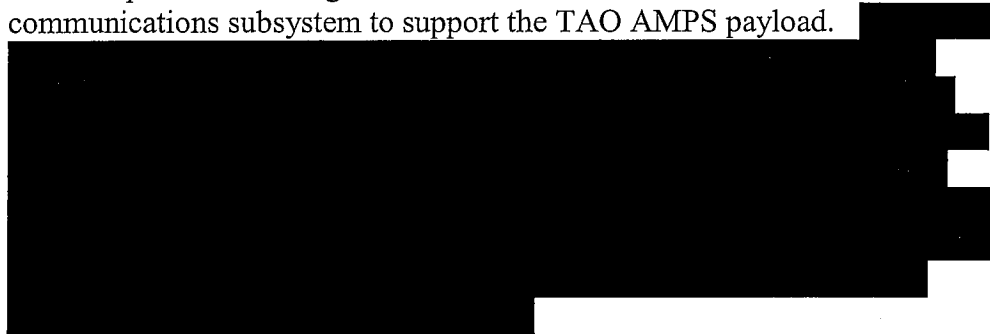
1.2.7 Modify the TAO shore-side processing software to support the new reporting capabilities provided by the AMPS payload.

1.2.8 Modify the data archiving capability to handle data received from the AMPS payload.

1.2.9 Develop a calibration and inventory software subsystem to support TAO buoys.



1.2.10 Update and configure the Iridium short-burst end-to-end communications subsystem to support the TAO AMPS payload.



1.2.11 Modify the NDBC Real-time processing system to:

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

- Process TAO AMPS data. Processing includes the decoding of the data as received from the buoy and automated quality control of the data.
- Encode the data into an FMXX formatted message to enable release of the TAO data via GTS (hourly transmissions and a once daily average).
- Establish data feeds to enable the NDBC TAO web pages with TAO AMPS data.

1.2.12 Modify the NDBC TAO Web pages to integrate data provided via TAO AMPS with current ARGOS based graphics/data.

1.2.13 Develop delayed mode processing procedures for AMPS data (to address any communications outages and/or any data that may not be provided in real-time).

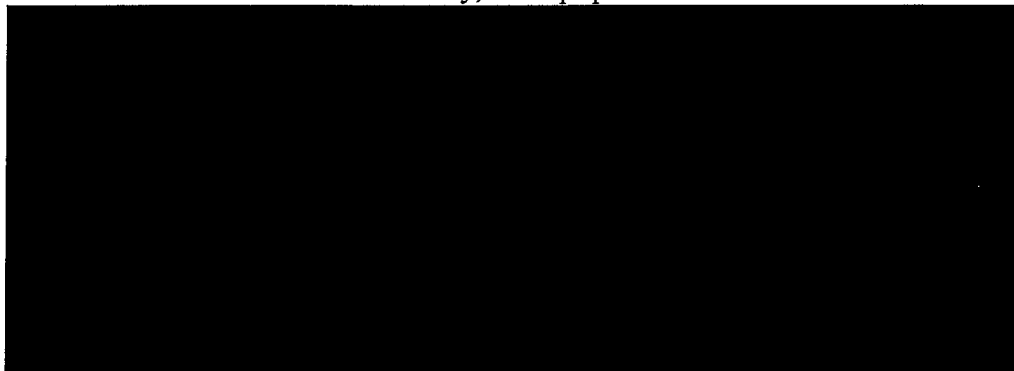
1.2.14 Develop, document, and implement quality assurance (QA) and quality control (QC) procedures for the TAO AMPS data.

1.2.15 Provide documentation updates to the following documents:

- TAO Detailed Architecture Document.
- TAO Software Requirements Specification.
- TAO DMAC QA/QC Operating Procedures Manual.
- TAO Functional Configuration Audit.
- TAO Physical Configuration Audit.

1.2.16 Provide software correction/development support for AMPS-related and NDBC TAO buoy issues.

1.2.17 For the refreshed TAO buoy, all equipment and sensors will be GFE.



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

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1.2.18

[REDACTED]

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[REDACTED]

1.2.19

[REDACTED]

1.2.20

[REDACTED]

[REDACTED]

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

1.2.21

1.2.21 [REDACTED]

[illegible]

1.2.22

1.2.22

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

1.2.25 Under Support Request 6109 we shall perform:

- modify the web data feed to collect and store oceanographic data at multiple depths for the same observation time;
- modify the station page on the web to display these data at multiple depths;
- modify the web ocean plot to produce stacked time series plots (5-days) when multiple depths are encountered in the ocean data;
- modify the web historical data extract to extract these data for multiple depths and store them in the web historical data files;

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

- modify the measurement description page to document oceanographic measurements at multiple ocean depths. These modifications may require some sort of detiding algorithm or some sort of grouping of related depths;
- modify DODS to accommodate these multiple ocean depths in its data files.

1.3 Management Approach:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

[REDACTED]

[REDACTED]

[REDACTED]

1.4 WBS layout (See attached .mpp file)

2.0 ASSUMPTIONS and/or DEVIATIONS:

2.1 Assumptions:

[REDACTED]

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

[REDACTED]

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[REDACTED]

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

2.2 *Deviations:* None Anticipated

3.0 SCHEDULE:

3.1 *Program Performance Schedule:* See Attached (.mpp file)

3.2 *Delivery Schedule:*

Deliverables/Submittals	Due Date
1. TAO shore side AMPS payload software	04.15.06
2. TAO Inventory and Calibration AMPS software	08.31.06
3. TAO Real-time software modifications	04.30.06
4. TAO Web page modifications	05.31.06
5. TAO Iridium communications	04.15.06
6. Updated High Level Architecture Document	05.31.06
7. Updated TAO Detailed Architecture Document	08.31.06
8. Updated Refreshed TAO Software Requirements Specification	04.30.06
9. Updated All TAO Software Requirements Specification	08.31.06
10. Updated TAO DMAC QA/QC Operating Procedures Manual	08.31.06
11. Updated Functional Configuration Audit	03.31.06 06.30.06 09.30.06
12. Updated Physical Configuration Audit	03.31.06 06.30.06 09.30.06
13. Requirements Specification for the Data Delivery and Processing of TAO, DART, AIS and FTP Data	03.29.06
14. Five integrated "refreshed" TAO buoy systems.	03.01.07

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

Deliverables/Submittals	Due Date
15. 1 st GOM buoy ready assuming all GFE delivered by 04.28.06	05.28.06
16. Level B docs for TAO buoys	04.28.06
17. TAO Test plan for GOM deployment	02.28.06
18. GOM test report	07.28.06
19. 2 nd GOM buoy ready for deployment	07.21.06
20. Chilean buoy (3 rd refresh TAO) ready for deployment	10.01.06
21. 4 th and 5 th refreshed TAO buoys ready for deployment in the Pacific TAO array	02.28.07
22. Performance report for refreshed TAO buoys in the TAO array (transmitted data only)	3 months after deployment
23. Cruise reports	2 weeks after return to SSC
24. Procedures for TAO Field Operations	09.30.06
25. TAO CONOPS Document	04.30.06
26. MET testing pre and post calibration capability	08.01.06
27. Ocean testing pre and post calibration capability	2 months after establishment of ocean CAL lab.
28. Bi-weekly performance reports	Reports starting 2 weeks after SAIC acceptance of task order
29. TAO Inventory and Logistics systems and Management processes Plan document (ILMP)	07.31.06
30. Recommendations, schedules, support and implementation for improvements and upgrades	To be coordinated with NDBC
31. SR6109	April 15, 2006
Reports:	
<ul style="list-style-type: none"> Status reports identifying progress, problem areas and status (included as part of the Technology Development Weekly Activity Report). 	Weekly as part of New Technology WAR
<ul style="list-style-type: none"> Performance reports delivered which summarizes both the actual and budgeted cost, schedule, and performance information using earned value management techniques and present the results of the earned value analysis 	Bi-Weekly - four days following the end of a period

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

Deliverables/Submittals	Due Date
• SR Status Report	Monthly within 5 business days of the new month
• Parallel Test Reports	Monthly within 5 business days of the new month

4.0 DELIVERABLES:

Deliverables/Submittals	Acceptance Criteria
1. TAO shore side AMPS payload software	Verification of testing and approval to put into production
2. TAO Inventory and Calibration AMPS software	Verification of testing and approval to put into production
3. TAO Real-time software modifications	Verification of testing and approval to put into production
4. TAO Web page modifications	Verification of testing and approval to put into production
5. TAO Iridium communications	Verification of testing and approval to put into production
6. Updated TAO High Level Architecture Document	Upon Submission with one review round
7. Updated TAO Detailed Architecture Document	Upon Submission with one review round
8. Updated TAO Software Requirements Specifications	Upon Submission with one review round
9. Updated All TAO Software Requirements Specification	Upon submission following one review cycle
10. Updated TAO DMAC QA/QC Operating Procedures Manual	Upon submission following one review cycle
11. Updated FCA	Upon Submission
12. Updated PCA	Upon Submission
13. Requirements Specification for the Data Delivery and Processing of TAO, DART, AIS and FTP Data	Upon submission following one review cycle
14. Five integrated "refreshed" TAO buoy systems.	Upon completion
15. GOM buoy ready assuming all GFE delivered by 04.28.06	Upon completion
16. Level B docs for TAO buoys	Upon submission (one NDBC review)

SAIC TASK MANAGEMENT PLAN**TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3**

Deliverables/Submittals	Acceptance Criteria
17. TAO Test plan for GOM deployment	Upon submission (one NDBC review)
18. GOM test report	Upon submission (one NDBC review)
19. 2 nd GOM buoy ready for deployment	Upon completion
20. Chilean buoy (3 rd refresh TAO) ready for deployment	Upon completion
21. 4 th and 5 th refreshed TAO buoys ready for deployment in the Pacific TAO array	Upon completion
22. Performance report for refreshed TAO buoys in the TAO array (transmitted data only)	Upon submission (one NDBC review)
23. Cruise reports	Upon submission
24. Procedures for TAO Field Operations	Upon submission
25. TAO CONOPS Document	Upon submission (one NDBC review)
26. MET testing pre and post calibration capability	Upon completion
27. Ocean testing pre and post calibration capability	Upon completion
28. Bi-weekly performance reports	Upon submission
29. TAO inventory and logistics systems and processes	Upon submission
30. Recommendations, schedules, support and implementation for improvements and upgrades	Upon submission
31. SR6109	Upon competition

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

5.0 PERFORMANCE SPECIFICATIONS AND METRICS:

[REDACTED]

[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]					
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SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

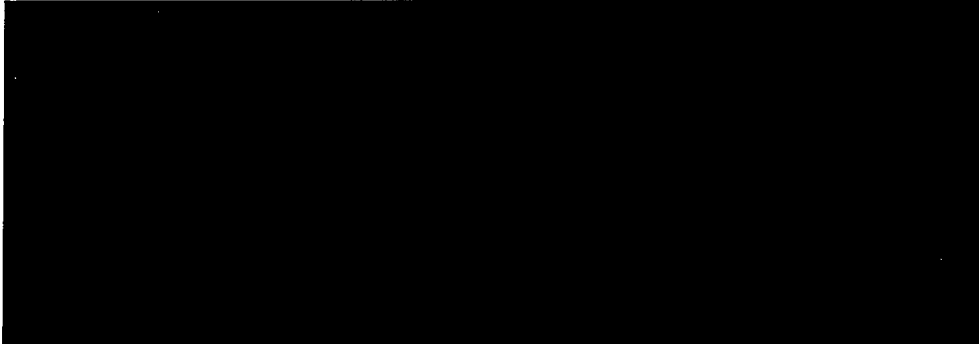
SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

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TASK ORDER #18
Tropical Atmosphere Ocean (TAO) Operations & Engineering Transition Support (Revised)
POP: 07/01/05 -09/30/06
Tasks 1-7

CONTRACT YEAR 1
DIRECT LABOR HOURS



CONTRACT YEAR 2
DIRECT LABOR HOURS



Task Order No.
Tasks 1-7

#18

POP: 07/01/05 -09/30/06

Travel														
From	To	Purpose	Conference/Tr aining Fees	Airfare	# of Trips	No. of People Per Trip	Days (Per trip)	Nights (Per Trip)	No. of Cars	P.O.V mileage/R T 100	Lodging Rate	Meal Rate	Total	Conference/T raining Totals

TASK ORDER #18
Tropical Atmosphere Ocean (TAO) Operations & Engineering Transition Support (Revised)
POP: 07/01/05 -09/30/06
Task 8

CONTRACT YEAR 1
DIRECT LABOR HOURS



CONTRACT YEAR 2
DIRECT LABOR HOURS



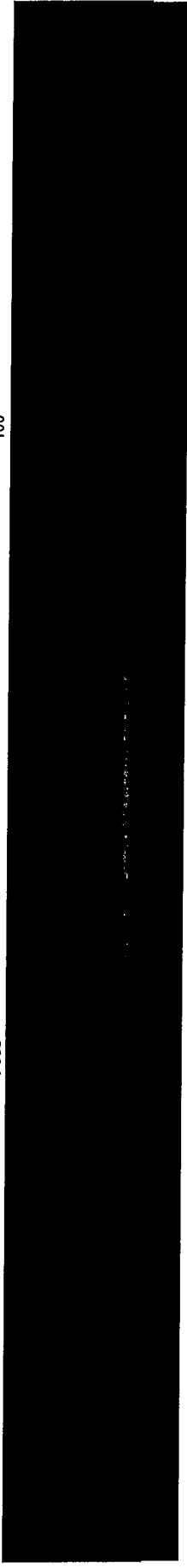
Task Order No.
Task 8

#18

POP: 07/01/05 -09/30/06

Travel

From	To	Purpose	Conference/Tr aining Fees	Airfare	# of Trips	No. of People Per Trip	Days (Per trip)	Nights (Per Trip)	No. of Cars	PUV mileage/R T	Lodging Rate	Meal Rate	Total	Conference/T raining Totals
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Summary

Rolled Up Task

Rolled Up Milestone

Rolled Up Progress

Split

External Tasks

Project Summary

Group By Summary

Deadline

Project: Task Order 18 - Revised - Tasks 1 to 7
Date: Fri 8/19/05

ID	Task Name	Task #	Work	Sep 05	Oct 05	Nov 05	Dec 05	Jan 06	Feb 06
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Task

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Progress

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Summary

Rolled Up Task

Rolled Up Milestone

Rolled Up Progress

Split

External Tasks

Project Summary

Group By Summary

Deadline

Project: Task Order 18 - Revised - Tasks 1 to 7
Date: Fri 8/19/05

ID	Task Name	Task #	Work	Sep '05	Oct '05	Nov '05	Dec '05	Jan '06	Feb '06
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Task

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Rolled Up Task

Rolled Up Milestone

Rolled Up Progress

Split

External Tasks

Project Summary

Group By Summary

Deadline

Project: Task Order 18 - Revised - Tasks 1 to 7
Date: Fri 8/19/05

ID	Task Name	Task #	Work	Sep '05	Oct '05	Nov '05	Dec '05	Jan '06	Feb '06
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Project: Task Order 18 - Revised - Tasks 1 to 7
Date: Fri 8/19/05

Task

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Milestone

Rolled Up Progress

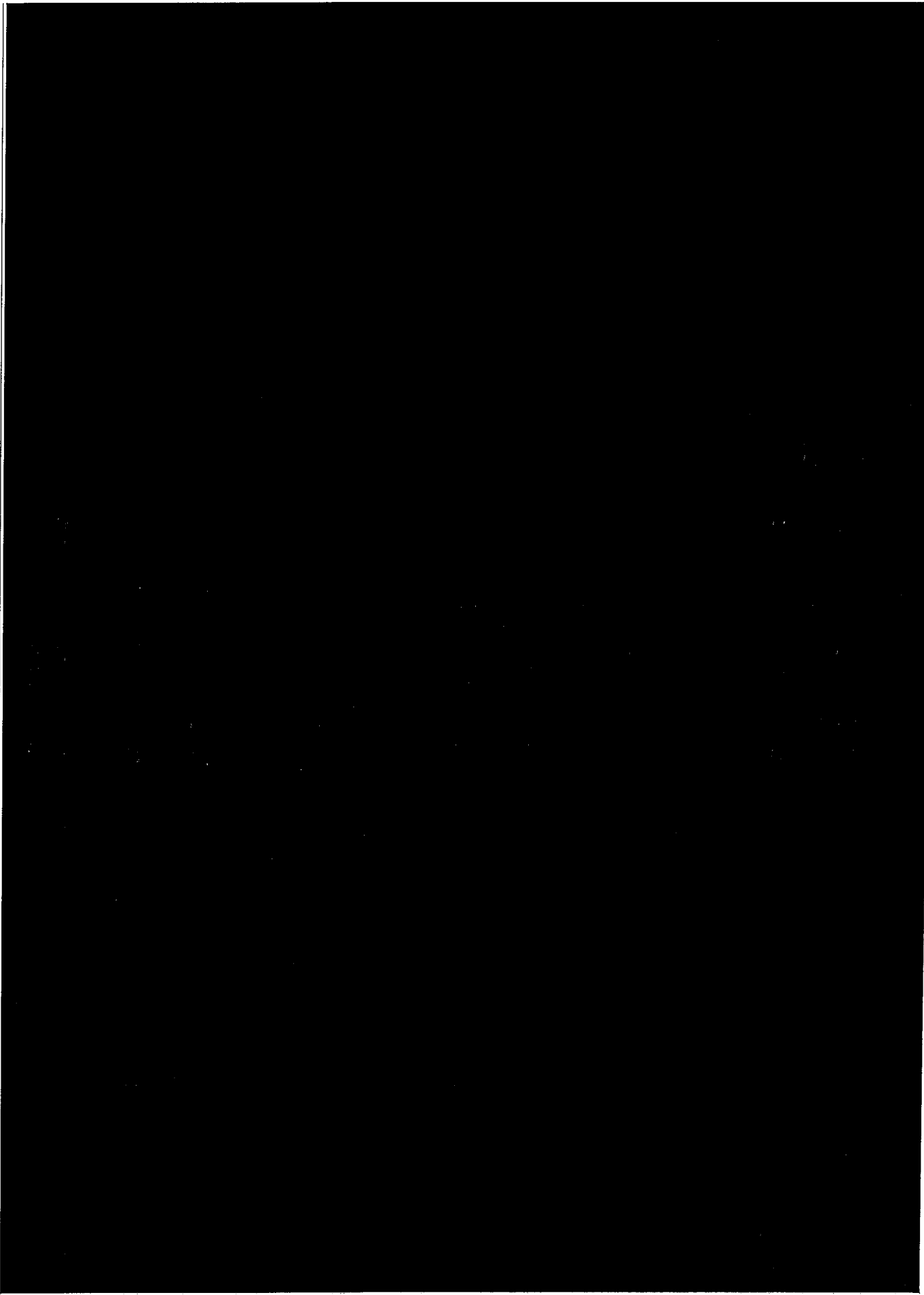
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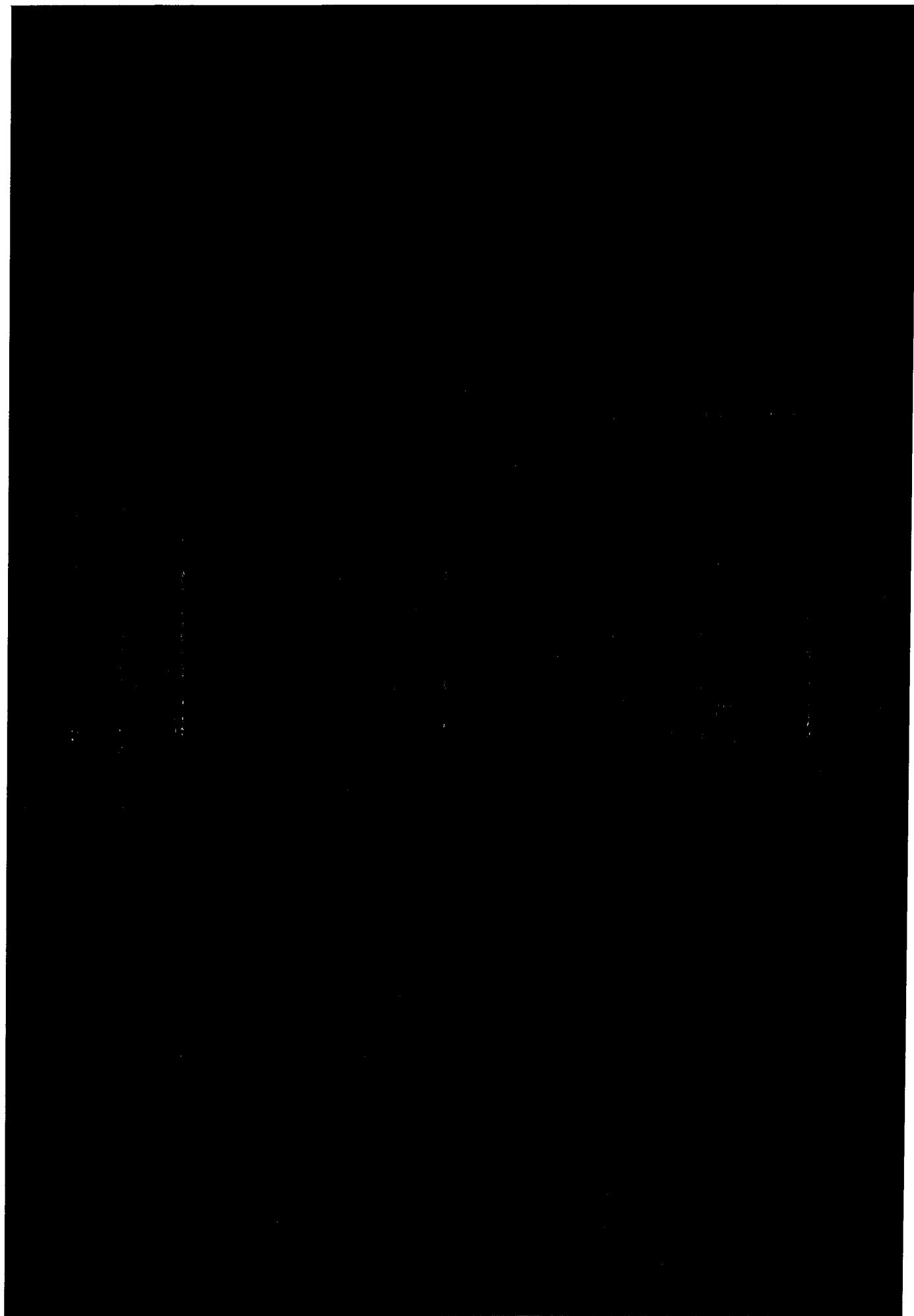
External Tasks

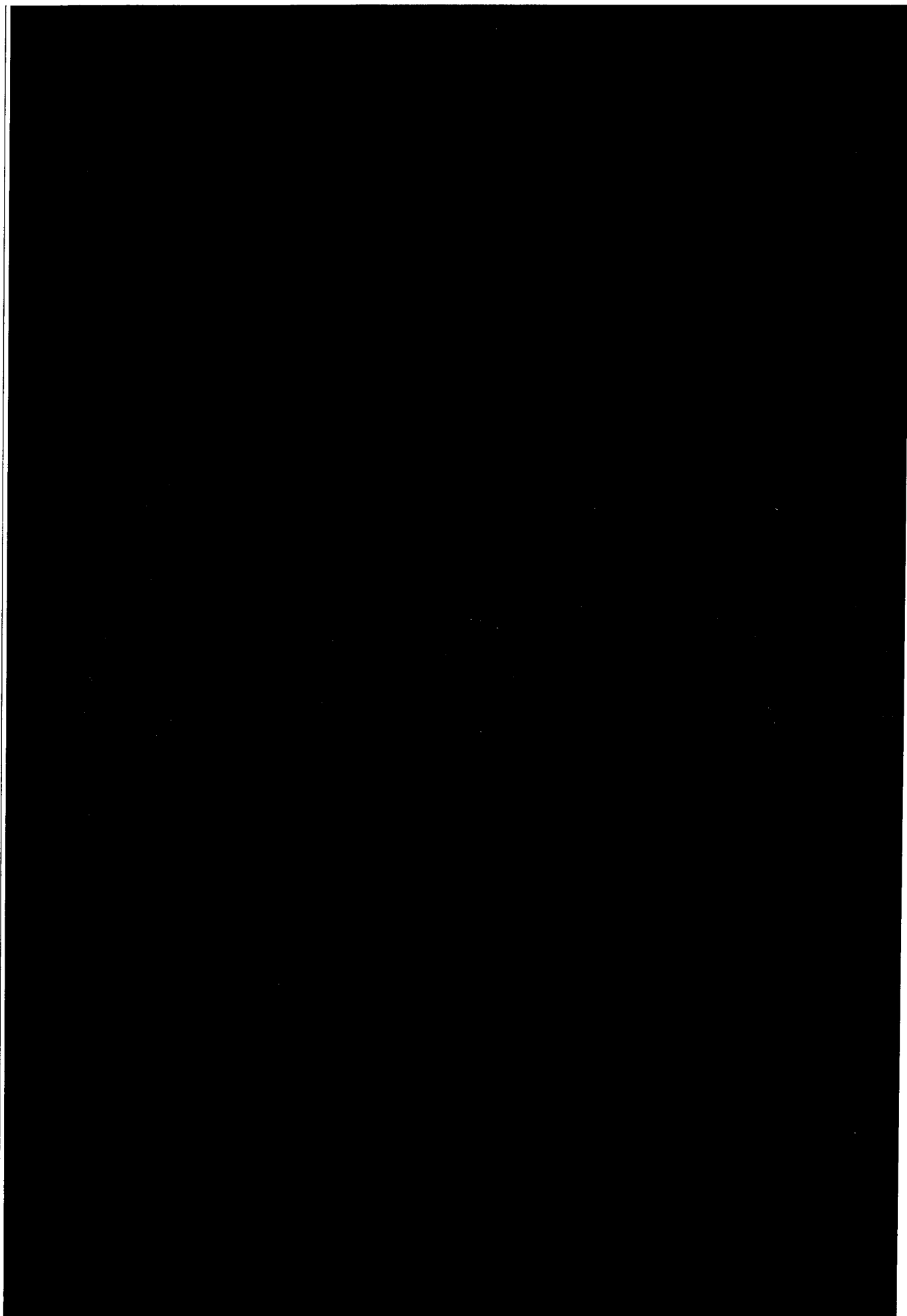
Project Summary

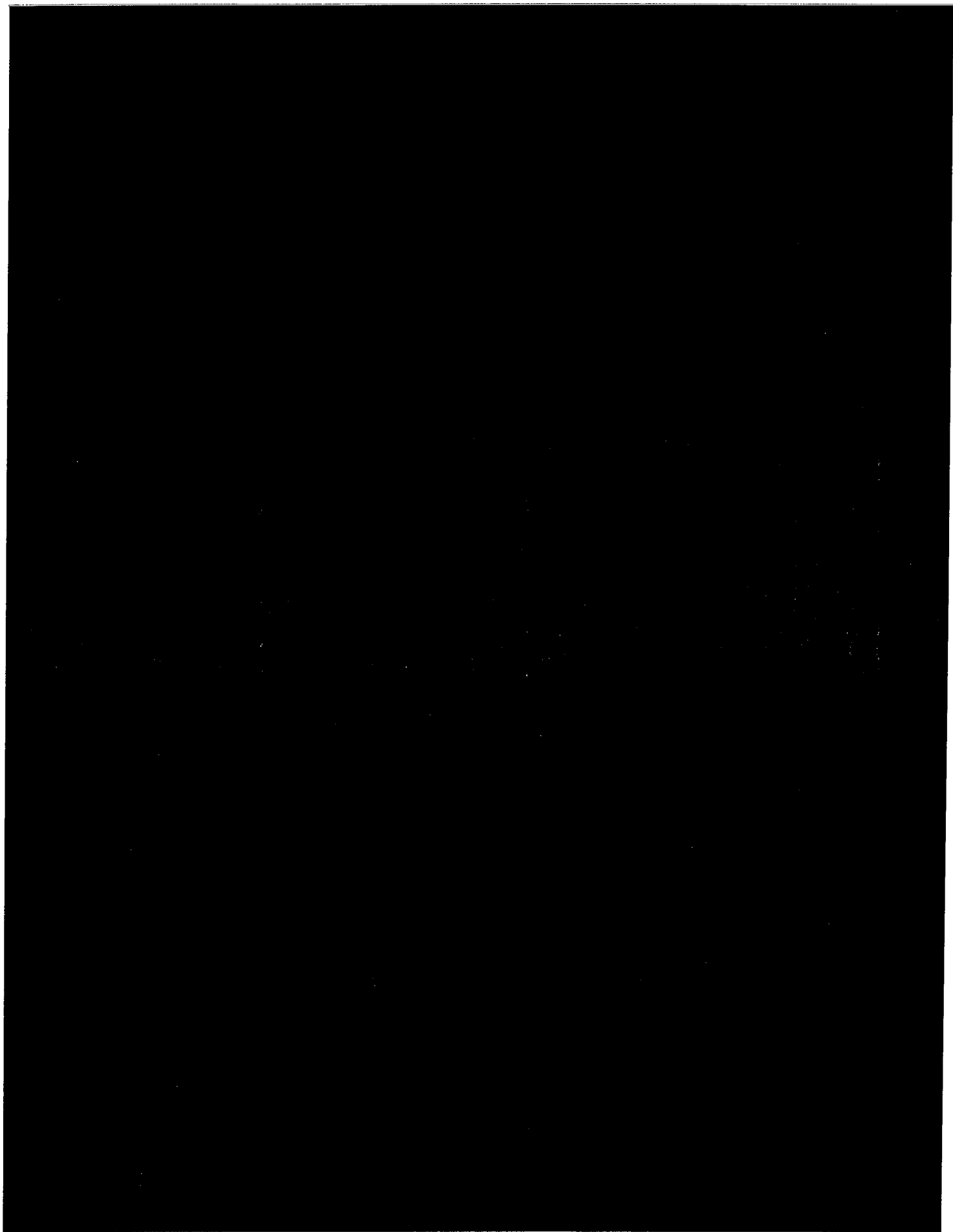
Group By Summary

Deadline

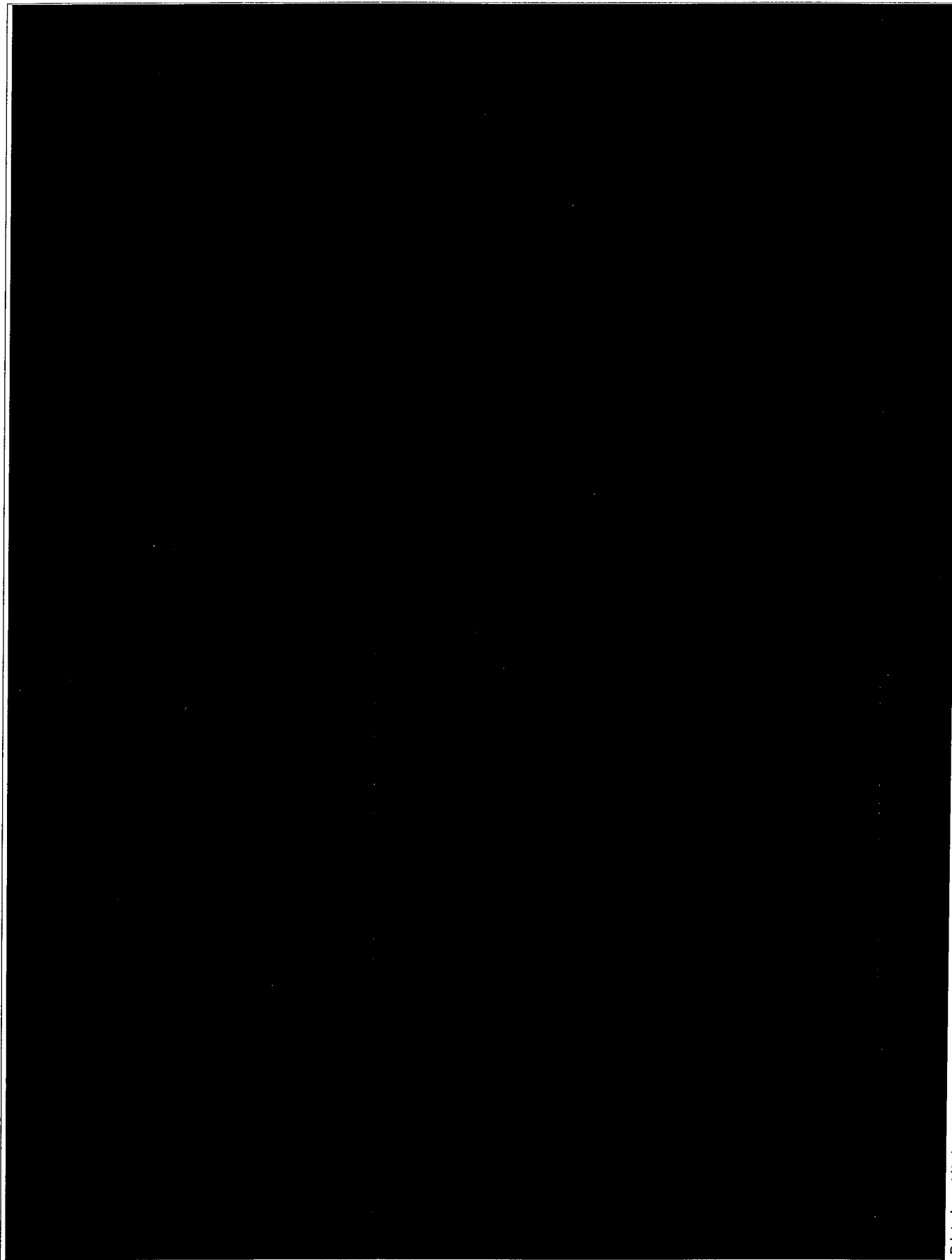








Task Order 18 - Revised - Task 8



ID	Task Name	Task #	Work	September 2005	October 2005
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Task

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Milestone

Rolled Up Progress

Split

External Tasks

Project Summary

Group By Summary

Deadline

Project: Task Order 18 - Revised - Task 8
Date: Fri 8/19/05

Page 1

Task Order Dependencies

Task Order Dependencies																								
TO #	Title	Type	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
"X" indicates the TO dependency with another TO																								
05-TOS-01	Contract Management and Oversight Support Services Providing Administrative and Logistical Support to the NDBC directly Supporting the MON	FFP	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
05-TOS-02	Tropical Atmosphere Ocean (TAO) IT Support	FFP	X					X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
05-TOS-03	Marine Observation Network (MON) and Tropical Atmospheric and Oceanic (TAO) Data Assembly Center	CPFF																	X					
05-TOS-04	Marine Observation Network (MON)	FFP			X														X					
05-TOS-05	Information Technology (IT) and NDBC Office Automation (OA) Task	FFP	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
05-TOS-06	Engineering Design, Testing, and Support for CONWxB and MON Hardening Projects	CPFF																X	X					
05-TOS-07	DART Station O&M and Expansion	CPFF																						
05-TOS-08	Automated Surface Observing System Product Improvement (ASOS PI) & Climate Reference Network (CRN) Sensor Test Support	FFP																						
05-TOS-09	Manage NDBC Electronics, Testing, Calibration, and Industrial Facilities	FFP										X	X	X	X	X	X	X	X	X	X	X	X	X
05-TOS-10	Preparation for Equipment for MON Station Operation & Maintenance	FFP								X			X	X	X	X	X	X	X	X	X	X	X	X
05-TOS-11	Operational Engineering for Support of NOAA NDBC Marine Observation Network Programs	FFP								X	X			X	X	X	X							
05-TOS-12	NDBC Marine Observation Network Scheduled Field Service for the Integrated Marine Observing Network - CONUS and Hawaii	FFP																						
05-TOS-13	Scheduled Maintenance and Repair of Marine Observation Network (MON)	CPFF								X	X	X	X	X	X	X	X	X						
05-TOS-14	Alaskan Region	CPFF								X	X	X	X	X	X	X	X	X						
05-TOS-15	NDBC Bouy and Mooring Development	CPFF								X	X	X	X	X	X	X	X							
05-TOS-16	CONWxB-Augment Select MON Stations with Ocean Measurements	FFP								X														
05-TOS-17	MON Hardening & Observation Gap Operations & Engineering Transition	FFP								X								X						
05-TOS-18	Tropical Atmosphere Ocean (TAO) Support	CPFF			X													X						
05-TOS-19	IOOS HF Radar Support	CPFF				X																		
05-TOS-20	Unscheduled Maintenance & Repair of NDBC Marine Observation Network CONUS & HI (MON)	CPFF								X	X											X		
05-TOS-21	Unscheduled Maintenance & Repair of NDBC Marine Observation Network - Alaskan Region	CPFF								X	X													
05-TOS-22	Augment 3-M Buoys with Ocean Measurements for CONWxB	FFP							X			X												